This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

With the Compliments of

HIROMOTO WATANABE,

President of the Imperial University,
Tōkyō, Japan.

Please Exchange.

IMPERIAL UNIVERSITY OF JAPAN.

(Teikoku Daigaku.)

THE

CALENDAR

FOR THE YEAR

1888-89.

(XXIst-XXIInd YEAR OF MEIJI.)

TŌKYO:
PUBLISHED BY THE UNIVERSITY.

SOLD BY Z. P. MARURA & Co.
1888.

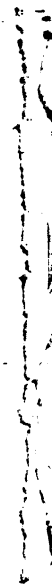


TABLE OF CONTENTS.

		Page
I.	Calendar	2
II.	History and Organization	4
III.	University Officers	23
IV.	General Regulations for the Colleges	25
1.	Academic year, Terms and Vacations	25
2.	Conditions of Admission and Attendance	25
3.	Suspension of Attendance	28
4.	Examinations and Certificates	29
5.	Post-graduate Studies	34
6.	Unpaid and Paid Assistants	36
7.	Elective Studies	37
8.	Honour Students	39
9.	Loan Scholarships	39
10.	Scientific Excursions	46
11.	Fees and other Expenses	47
12.	Residence and Discipline of Students	48
13.	Recreation and Physical Exercises	52
V.	College of Law	53
1.	Officers	53
2.	Courses of Instruction	55
VI.	College of Medicine	61
1.	Officers	61
2.	Courses of Instruction	63
3.	Regulations for Final Examinations in Medicine	67
4.	Laboratories	78
5.	By-laws to the Regulations for Elective Students	79
6.	By-laws to the Regulations for Post-graduate Studies	79
7.	Hospitals, &c.	80

PAGE

VII. College of Engineering 82
1. Officers 82
2. Courses of Instruction, Laboratories, Workshop, &c. .. 84
VIII. College of Literature 96
1. Officers 96
2. Courses of Instruction 97
IX. College of Science 108
1. Officers 108
2. Courses of Instruction, Laboratories, Botanic Garden, &c. 109
X. University Hall 121
Regulations and Conditions of Admission 121
XI. Library 124
XII. List of Students 132
XIII. List of *Gakushi* and other Graduates 153
XIV. List of *Hakushi* 175
APPENDIX. President Watanabe's Address on the Occasion of the Annual Graduation Ceremony, July 10th, 1888.. 180

CALENDAR.

IMPERIAL UNIVERSITY OF JAPAN.

	S.	M.	T.	W.	Th.	F.	S.	
1888.								Summer Vacation ends,
September.	2	3	4	5	6	7	8	10th.
	9	10	11	12	13	14	15	First Term begins, 12th.
	16	17	18	19	20	21	22	Holiday of the *Shiuki*
	23	24	25	26	27	28	29	*Kōrei Sai*, 22nd.
	30							
		1	2	3	4	5	6	Holiday of the *Kanname*
October.	7	8	9	10	11	12	13	*Matsuri*, 17th.
	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	
	28	29	30	31				
					1	2	3	His Majesty's Birthday,
	4	5	6	7	8	9	10	3rd.
November.	11	12	13	14	15	16	17	Holiday of the *Niiname*
	18	19	20	21	22	23	24	*Matsuri*, 23rd.
	25	23	27	28	29	30		
							1	First Term ends, 24th.
December.	2	3	4	5	6	7	8	Winter Vacation begins,
	9	10	11	12	13	14	15	25th.
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	
	30	31						
1889.			1	2	3	4	5	Winter Vacation ends,
January.	6	7	8	9	10	11	12	7th.
	13	14	15	16	17	18	19	Second Term begins, 8th.
	20	21	22	23	24	25	26	Holiday of the *Kōmei*
	27	28	29	30	31			*Tennō Sai*, 30th.

CALENDAR FOR 1888-89.

1889.	S.	M.	T.	W.	Th.	F.	S.	
February.						1	2	Holiday of the *Kigen Setsu*, 11th.
	3	4	5	6	7	8	9	
	10	11	12	13	14	15	16	
	17	18	19	20	21	22	23	
	24	25	26	27	28			
March.						1	2	Anniversary of the University, 1st.
	3	4	5	6	7	8	9	
	10	11	12	13	14	15	16	Holiday of the *Shunki Kōrei Sai*, 20th.
	17	18	19	20	21	22	23	
	24	25	26	27	28	29	30	Second Term ends, 31st.
	31							
April.		1	2	3	4	5	6	Spring Vacation begins, 1st.
	7	8	9	10	11	12	13	
	14	15	16	17	18	19	20	Spring Vacation ends, 7th.
	21	22	23	24	25	26	27	
	28	29	30					Third Term begins, 8th.
May.				1	2	3	4	
	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	
	26	27	28	29	30	31		
June.							1	Term Work ceases, 17th.
	2	3	4	5	6	7	8	Annual Examinations begin, 21st.
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	
	30							
July.		1	2	3	4	5	6	Third Term ends, 10th.
	7	8	9	10	11	12	13	Summer Vacation begins, 11th.
	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	
	29	30	31					

II. SUMMARY OF HISTORY AND ORGANIZATION.

Inasmuch as the TEIKOKU DAIGAKU or Imperial University owes its existence to the union of the late TŌKYŌ DAIGAKU and KŌBU DAIGAKKŌ, it seems fitting that, in tracing its history, reference should be made to the origin of these two institutions.

The four Departments of Law, Science, Medicine, and Literature, which composed the TŌKYŌ DAIGAKU, sprang, with the one exception of the Department of Medicine, from an institution of some antiquity founded by the Tokugawa Government, and known first as the YŌGAKUJO, and afterwards as the KAISEIJO. This institution was, after the restoration of 1868, revived by the Imperial Government, and in January of the following year it opened its doors anew for the first time. Special attention was devoted to instruction in English and French, to which languages German was soon afterwards added. In December of the same year, the College received the name of DAIGAKU NANKŌ or South College, because of its location at Hitotsubashi to the South of the Central DAIGAKU, to which it was attached. The Central Daigaku was situated in the old Gakumonjo at Yushima.

The DAIGAKU having been abolished in the year 1871, the DAIGAKU NANKŌ, known simply as the NANKŌ, came directly under the control of the Department of Education; and in the following year, when the country was mapped out into educational districts, it received the name of the First Middle School of the First Grand Educational District.

In April of 1873 the name of the institution was changed to KAISEI-GAKKŌ, and special courses of studies were instituted in Law, Chemistry, Engineering, Polytechnics and Mining. In the same year the institution was transferred to the new buildings just completed at No. 1 NISHIKICHŌ SANCHŌME (Hitotsubashi Soto).

In 1874 the word "Tōkyō" was prefixed to the name of the institution, and it was called the TŌKYŌ KAISEI GAKKŌ.

In April of 1876, the Department of Education united this institution and the TŌKYŌ IGAKKŌ or Medical College, so as to form the TŌKYŌ DAIGAKU or Tōkyō University, comprising the four Departments of Law, Science, Medicine and Literature. The Departments of Law, Science and Literature were combined in one institution and one President was appointed for all three. Another President had charge of the Medical Department.

The Medical Department sprang out of the IGAKUJO, an institution in Shitaya orginally belonging to the Tokugawa Government, and revived by the Imperial Government in 1868.

In the following year, this School and the Hospital established for the tending of the wounded in the war of 1868, were united under the name of the Medical School and Hospital. Soon afterwards the combined institution was attached to the DAIGAKU and received the name of DAIGAKU TŌKŌ or East College, because of its position to the East of the Central Daigaku. In 1871 it shortened its name to TŌKŌ, and in 1872 assumed the name of IGAKKŌ or Medical College in the First Grand Educational District, which title was again changed to TŌKYŌ IGAKKŌ in the year 1874.

In 1876, the new buildings at Hongō having been completed, the College was transferred thither from Shitaya. In 1877 the College became the Medical Department of the Tōkyō Daigaku or Tōkyō University.

In 1881, the organization of the Tōkyō Daigaku was modified by the appointment of a President who should have control not only of the four Departments of Law, Science, Medicine and Literature, but also of the Preparatory School. In September of 1884 the Departments of Law and Literature removed to the new brick building in Kaga Yashiki, Hongō.

During the year 1885 various changes occurred. The central office of the University was transferred to a building in the compound at Hongō, the Preparatory School dissolved its connection with the University and became an independent institution, the Department of Science also removed to Hongō, and the Tōkyō Hōgakkō or Law School, under the control of the Department of Justice, was merged in the University. Also in the same year, the Department of Technology was created, and courses in Mechanical and Civil Engineering, Mining, Applied Chemistry, Naval Architecture and kindred subjects were transferred to the new department from the Science Department. The course of politics in the Literature Department was likewise transferred to the Law Department, henceforward to be known as the Department of Law and Politics.

The Kōbu Daigakkō, originally known as the Kōgakkō, was instituted in 1871 in connection with the Bureau of Engineering in the Public Works Department of the Imperial Government. The institution was in 1872 divided into the College and the Preparatory School. In

1874 the Preparatory School was actually opened for instruction in Yamato-Yashiki, Tameike, and in 1876 an Art School was created in connection with the College.

In 1877, the Bureau of Engineering was abolished, and the College was thenceforth called the Kōbu Daigakkō or Imperial College of Engineering. The same year witnessed the completion of the large new buildings at Toranomon, containing a central hall, class-rooms, laboratories, dormitories, and the full equipment necessary for such an institution.

In 1882 the Art School was discontinud. In 1885, the Department of Public Works was abolished, an event which caused the College to be transferred to the control of the Department of Education.

In the late Tōkyō Daigaku and Kōbu Daigakkō, the following degrees were conferred on the graduates by their respective authorities; *Hōgakushi* in the Department of Law; *Rigakushi* in Science; *Igakushi* in Medicine; *Bungakushi* in Literature; and *Kogakushi* in Engineering.

On the lst. of March, 1886, the Imperial Ordinance No. 3 was promulgated for the organization of the Teikoku Daigaku or Imperial University, and the Tōkyō Daigaku and Kōbu Daigakkō were merged in the new institution. H. E. Hiromoto Watanabe, then the Governor of Tōkyō, was appointed President of the University.

In April, curricula of instruction for the several Colleges of the University were established. Each course extends over three years, excepting the course in Medicine, which extends over four years. In the same month, the Tōkyō Shokkō Gakkō (School of Industrial Technology) was placed under the control of the University.

In November, the five principal private Law Schools in the city were placed under the supervision of the University. A supervising committee for these Schools was formed among the professors of the College of Law, who became responsible for the courses of instruction and the method of examining the students.

In December of the same year a Marine Zoological Station was established at Misaki, a town situated at Cape Miura, in Sagami.

In May 1887, the Imperial Ordinance No. 13 was promulgated, establishing regulations for Learned Degrees, and in June of the same year by-laws connected with these regulations were issued by the Minister of State for Education. These two documents will be found in full, further on in the Calendar.

In July it was decided that graduates of the Colleges should be entitled to call themselves *Hōgakushi*, *Igakushi* (*Yakugakushi* in the case of graduates in the course of Pharmacy), *Kōgakushi*, *Bungakushi* and *Rigakushi* respectively, accordingly to the course which they had pursued, and that *Jun-igakushi* of the Tōkyō Daigaku, and graduates of the Kōbu Daigakkō who had not received degrees, should be allowed to call themselves *Igakushi* and *Kōgakushi* respectively, after obtaining the sanction of the President of the University; to whom a formal application must be made, and a history given at length of their professional career after graduation.

In October, the Tōkyō Shokkō Gakkō was disconnected with the University.

In March 1888, the powers and duties of the President of the University were formally fixed by the Minister of State for Education.

In the same month, a notification was issued by the Education Department regulating the income, from tuition fees and various other sources, of all educational institutions under the direct control of the Department, with the object of supplying each with a capital fund.

In May, the University was released from the duty of supervising the five principal private law schools in Tōkyō.

The Tōkyō Observatory was established at Iigura in the month of June. This institution, formed by the amalgamation with the University Observatory of the Astronomical Section of the Home Department and the Astronomical Observatory of the Imperial Navy, was placed under the control of the Imperial University, which was accordingly entrusted with the duty of publishing the Astronomical Almanac.

On July 31st, the College of Engineering was moved to the new brick building just completed for its use in the Compound at Hongō.

The Imperial University is under the control of the Minister of State for Education and depends for its revenue upon annual allowances from the Treasury of the Imperial Government. The tuition fees and other sources of income are allowed to accumulate year by year so as to form a large fund. A certain portion of this fund is, however, to be paid out in some cases towards the current expenditure of the University, when the cases are of such a nature as to demand the outlay.

The whole University—*viz:* the offices of the University, the University Library, the Colleges of Law, Medicine,

Engineering, Literature and Science, the First Hospital of the College of Medicine, and the Dormitories of the Colleges,—is situated in the extensive ground at Motofujichō, Hongō, Tōkyō, known as Kaga-yashiki. The Botanic Garden is located at Koishikawa, the Tōkyō Observatory belonging to the University at Iigura, and the Second Hospital of the Medical College at Shitaya, all within the city limits. The Marine Biological Station of the University is situated at Misaki, a town on the north side of the entrance to the Bay of Tōkyō.

The Imperial Ordinances, and the notification and instructions of the Department of Education relating to the University run as follows :—

(1.)

Imperial Ordinance for the founding of the Imperial University.

We hereby give Our Sanction to the present Ordinance relating to the Imperial University and order it to be promulgated.

His Imperial Majesty's Sign-Manual.

[*Privy Seal.*]

Dated the 1*st day of the* 3*rd month of the* 19*th year of Meiji.*

Countersigned by

COUNT ITŌ HIROBUMI,
Minister President of State.

MORI ARINORI,
Minister of State for Education.

Imperial Ordinance No. 3.

Constitution of the Imperial University.

ART. I.

The Imperial University shall have for its objects the teaching of such arts and sciences as are required for the purposes of the State, and the prosecution of original investigations in such arts and sciences.

ART. II.

The Imperial University shall consist of the University Hall and the Colleges: the University Hall is established for the purpose of original investigations, and the Colleges for that of instruction theoretical and practical.

ART. III.

Certificates of graduation shall be awarded to students, who shall have completed any one of the courses in the Colleges, and shall have passed the examinations prescribed by the statute.

ART. IV.

The Imperial University shall confer degrees upon those who, either being graduates of one of the Colleges or being deemed to be of equal standing with such graduates, shall have prosecuted original investigations in the University Hall, and shall have passed the required examinations.

ART. V.

The officers of the Imperial University shall be as follows:—President (of *Chokunin* rank), Councillors, Secretaries (*Sōnin*), and Clerks (*Hannin*).

ART. VI.

The President shall superintend the whole affairs of the Imperial University under the direction of the Minister of State for Education. The duties of the President are chiefly as follows :—

(1) To maintain order in the Imperial University.

(2) To see after the condition of the Imperial University and to submit suggestions to the Minister for any improvement he may deem necessary.

(3) To preside over the meetings and discussions of the Councillors, and to report to the Minister the proceedings thereof.

(4) To act as Directer of the Law College.

ART. VII.

The meetings of the Councillors shall be held either at the Imperial University or at the Department of Education, as convenience may require. Matters to be submitted to the Councillors for their deliberation are as follows :—

(1) The curricula of studies.

(2) The promotion of the interests of the University and those of each College.

ART. VIII.

Councillors shall be selected and appointed by the Minister of State for Education from among the Professors, two from each College.

ART. IX.

The appointment of the Councillors shall be for a term of five years and may be renewed on the expiration of that term.

ART. X.

The Colleges of the University shall be designated as follows:—College of Law, College of Medicine, College of Engineering, College of Literature, and College of Science.

The College of Law is divided into two sections, Law and Politics.

ART. XI.

The staff of each College shall be as follows:—Director (of *Sōnin* rank), Chief-Professor, Professors, (*Sōnin*), Assistant-Professors (*Sōnin*), Superintendent of the Dormitories (*Sōnin*), and Clerks (*Hannin*).

ART. XII.

The Director of each College shall be selected and appointed from among its Professors. He shall superintend the affairs of the College under the guidance of the President of the Imperial University.

ART. XIII.

The Chief-Professor of each College shall be appointed from among its Professors. He shall see to the proper discharge of their duties by Professors and Assistant-Professors, and to the maintenance of order in lecture-rooms.

ART. XIV.

The number of Professors and Assistant-Professors in each College shall be determined by the Minister of State for Education according to the importance of the subjects taught and the number of students.

(2.)

Imperial Ordinance relating to Degrees.

We hereby give Our Sanction to the present Ordinance relating to Degrees, and order the same to be promulgated.

His Imperial Majesty's Sign-Manual.

[*Privy Seal.*]

Dated the 20th day of the 5th month of the 20th year of Meiji.

Countersigned by

COUNT ITŌ HIROBUMI,
Minister President of State.

VISCOUNT MORI ARINORI,
Minister of State for Education.

Imperial Ordinance No. 13.

Regulations for Degrees.

ART. I.

Degrees shall be of two classes, *Hakushi* and *Dai-hakushi*.

ART. II.

The Degree of *Hakushi* shall be of five kinds:—*Hogaku* (Law) *Hakushi*, *Igaku* (Medicine) *Hakushi*, *Kogaku* (Engineering) *Hakushi*, *Bungaku* (Literature) *Hakushi*, and *Rigaku* (Science) *Hakushi*.

ART. III.

The Degree of *Hakushi* shall be conferred by the Minister of State for Education upon such persons as have passed the prescribed examinations at the University Hall; and upon such others as, after reference to the Council of the Imperial University, are considered by the Minister to possess attainments equal to, or higher than, those of the persons above mentioned.

ART. IV.

The Degree of *Daihakushi* shall be conferred by the Minister of State for Education, after reference to the assembly of *Hakushi*, and after approval received from the Cabinet, upon such persons as are deemed specially meritorious in science or arts.

ART. V.

By-laws relating to the present Ordinance shall be made by the Minister of State for Education.

(3.)

Notification No. 4

of the Department of Education giving by-laws relating to the Regulations for Degrees.

By-laws relating to the Regulations for Degrees are hereby prescribed in accordance with Art. V of "Imperial Ordinance No. 13*" concerning Degrees (issued in the 5th month of the present year).*

Dated the 25th day of the 6th month of the 20th year of Meiji.

VISCOUNT MORI ARINORI,
Minister of State for Education.

By-laws relating to the Regulations for Degrees.

ART. I.

The Degree of *Hakushi* shall be conferred as follows :—

The *Hōgaku* (Law) *Hakushi* shall be conferred upon persons who have specially studied the subjects prescribed in the College of Law; the *Igaku* (Medicine) *Hakushi*, upon persons who have specially studied the subjects prescribed in the College of Medicine; the *Kōgaku* (Engineering) *Hakushi*, upon persons who have specially studied the subjects prescribed in the College of Engineering; the *Bungaku* (Literature) *Hakushi*, upon persons who have specially studied the subjects prescribed in the College of Literature; and the *Rigaku*

(Science) *Hakushi* upon persons who have specially studied the subjects prescribed in the College of Science.

ART. II.

The Degree of *Hakushi* shall be conferred by the Minister of State for Education upon persons who have been admitted to the University Hall and have passed the prescribed examinations thereof, after notice given by the President of the Imperial University.

ART. III.

The Degree of *Hakushi* shall be conferred by the Minister of State for Education upon such persons as are considered by him to possess attainments equal to, or higher than, those of persons who have been admitted to the University Hall, and have passed the prescribed examinations therein, provided that the qualifications of such candidates shall have been first submitted to the Council of the Imperial University, and approved by not fewer than two-thirds of all the members of such Council.

ART. IV.

Candidates for the Degree of *Hakushi* may apply for the same to the Minister of State for Education; each application to be accompanied by a brief personal record, together with a thesis composed by the candidate on some subject specially studied by him.

ART. V.

In the case of candidates under Art. III, the Council of the Imperial University may, if necessary, hold examinations.

N.B.—Such examinations are not compulsory.

ART. VI.

The Degree of *Daihakushi* shall be conferred by the Minister of State for Education upon persons deemed by him specially meritorious in science or arts, whose qualifications, having been discussed by the Assembly of *Hakushi*, shall have been approved by not less than two-thirds of the members actually present, and shall afterwards have been submitted to and confirmed by the Cabinet.

ART. VII.

Matters relating to the Assembly of *Hakushi* shall be managed by a committee appointed by the Minister of State for Education, and no Assembly shall be held unless at least twenty *Hakushi* be present.

ART. VIII.

The place of meeting and the date of session of the Assembly of *Hakushi* shall in each case be published five weeks previously in the Official Gazette.

ART. IX.

Rules relating to the examinations under Art. V shall be framed by the President of the Imperial University.

ART. X.

The forms for Degree Certificates shall be as follows :—

DEGREE CERTIFICATE.*

....., Title, order of decoration, rank, legal residence, and social class.

The Degree of.....*Hakushi* is hereby conferred on the aforesaid.....according to Art. III of "Imperial Ordinance No. 13" concerning Degrees, issued in the 20th year of Meiji.

Dated this.....day of the.....month of the.....year.

Seal of the Department of Education.

....., Minister of State for Education, title, order of decoration, & rank, (seal).

Counterfoil of seal.

No. .....

* Certificates conferred under the 1st proviso of Art. III of "Imperial Ordinance No. 13" relating to Degrees are distinguished by red borders; those under the 2nd proviso, by green borders.

DEGREE CERTIFICATE.*

.....,

Title, order of decoration,
rank, legal residence,
and social class.

The Degree of *Daihakushi* is hereby conferred on the aforesaid.....according to Art. IV of "Imperial Ordinance No. 13" concerning Degrees, issued in the 20th year of Meiji.

Dated this.....day of the.....month of the.....year.

Seal of the Department of Education.

.....

Minister of State
for Education,
title, order of decoration,
& rank,
(seal).

Counterfoil of seal.

No. .....

* These certificates are distinguished by black borders.

(4.)

Instructions from the Department of Education, dated June 26th, 1886.

Regulations for Meetings of Councillors of the Imperial University.

ART. I.

The meetings of the Councillors of the Imperial University shall be held at such times as the Minister of State for Education or the President of the University may think fit, or at the joint request of more than three Councillors.

ART. II.

All matters for deliberation shall be submitted to the Councillors at their meetings by the President of the University.

ART. III.

The Minister of State for Education may have any of the officers in his Department present at meetings of Councillors.

ART. IV.

The President of the University may request the presence of Professors or other members of the University at meetings of Councillors, for purposes of consultation or advice.

ART. V.

For the regular transaction of business at these meetings, a quorum of at least one half of all the Councillors

is necessary. All questions shall be settled by the vote of a simple majority of the Councillors present.

ART. VI.

The business transacted at all meetings of Councillors shall be recorded by a secretary, and a report of the same shall be forwarded by the President to the Minister of State for Education.

III. UNIVERSITY OFFICERS.

President.

His Excellency HIROMOTO WATANABE.

Councillors.

Professor MASAKAZU TOYAMA, *Bungakuhakushi*, M.A. (Michigan University).

„ DAIROKU KIKUCHI, *Rigakuhakushi*, M.A. Cantab.

„ KENJI ŌJAWA, *Igakuhakushi*, M.D. (Strasburg University).

„ HIIDZU MIYAKE, *Igakuhakushi*.

„ RYŌKICHI YATABE, *Rigakuhakushi*, B. Sc. (Cornell University).

„ KAUY FOUROUITSI, *Kōgakuhakushi*, Ingénieur des arts et manufactures, Licencié ès sciences.

„ HIROJI KINOSHITA, *Hōgakuhakushi*, Licencié en droit (Faculté de droit de Paris).

„ KAZUO HATOYAMA, *Hōgakuhakushi*, D.C.L. (Yale College).

„ †KINGO TATSUNO, *Kōgakuhakushi*.

Secretary.

KIUICHIRŌ NAGAI.

Librarian.

Professor HIROJI KINOSHITA, *Hōgakuhakushi*, Licencié en droit (Faculté de droit de Paris).

† Absent.

Assistant Librarian.

MASATAKE INOMATA.

Curator of the Botanic Garden.

Professor RYŌKICHI YATABE, *Rigakuhakushi*, B. Sc. (Cornell University).

Director of the Tōkyō Observatory.

Professor HISASHI TERAO, *Rigakuhakushi*, Licencié ès sciences mathématiques (Faculté des sciences de Paris).

Superintendents of Dormitories.

HIKOGORŌ SHIMIZU, (for the Colleges of Law, Medicine, Engineering, Literature and Science).

KUNIO ARAO, (for the College of Engineering).

NAOKAGE YAMADA, (for the College of Medicine).

SEITARŌ HORI, (for the College of Science).

MASATAKE INOMATA, (for the College of Literature).

N.B.—The names of Councillors and Superintendents are arranged according to seniority of appointment.

IV. GENERAL REGULATIONS FOR THE COLLEGES.

1. ACADEMIC YEAR, TERMS, AND VACATIONS.

1.—The academic year begins on the 11th of September and ends on the 10th of June.

2.—The academic year is divided into three terms: the first term, comprising one hundred and five days, extends from September 11th to December 24th; the second term of eighty-three days extends from January 8th to March 31st; and the third term of ninety-four days extends from April 8th to July 10th.

3.—The Winter vacation comprises two weeks, commencing on the 25th of December and ending on the 7th of January; the Spring vacation, one week, commencing on the 1st of April and ending on the 7th of the same month, and the Summer vacation, two months, commencing on the 11th of July and ending on the 10th of September.

4.—Lectures are suspended on Sundays and on the holidays mentioned in the Calendar, pages 2 and 3.

5.—All the lecture rooms, laboratories, etc. are open from 8.30 a.m. from the 1st of November to the 31st of March, and from 8 a.m. from the 8th of April to the 31st of October.

2. CONDITIONS OF ADMISSION AND ATTENDANCE.

1.—Students are admitted to the Colleges of the University at the beginning of each academic year.

2.—Before students are admitted to any first year

class, they must either produce a certificate of having completed the regular course in one of the High Middle Schools, or show, upon examination held at the University, the same degree of proficiency as those who have completed the courses of the above-named institutions, or of such other institution as the Minister of State for Education shall have recognized as furnishing an equivalent course of instruction.

3.—Candidates for admission to the 2nd or 3rd year classes, (or 4th year class in the Course of Medicine), are first examined in the subjects necessary for admission to a first year class, and afterwards upon the subjects pursued by the class which they propose to enter, in order to determine whether they shall be admitted or not.

4.—If a student has voluntarily left any of the Colleges, he may, upon application, be admitted without examination, from the beginning of the first term, to the grade of class in which he was when he left the College, in order to pursue the same course of study which he was previously pursuing.

5.—If a student who has voluntarily left any of the Colleges make application for permission to pursue any other course than that which he was previously taking, he shall be admitted, upon complying with the conditions stated in Articles 2 and 3.

6.—Candidates for admission are required to present to the Director of the College which they propose to enter, a written application in accordance with the forms prescribed.

7.—Candidates who undergo an entrance examination are required to pay a fee of five yen to the University.

The fee, however, shall be returned to any candidate, if he withdraw the application of his own accord before the date of examination.

8.—When a student is admitted to any one of the Colleges, he is required to take the prescribed oath, and to sign his name in the College register. He must also find two sureties who are responsible for him in all matters involved in his connection with the College. These sureties are required to sign a declaration, to be placed in the hands of the Director, acknowledging this responsibility. Sureties must be male persons above 21 years of age who possess land or a house within the jurisdiction of the Tōkyō City administration, or such other persons as the Director of the College may deem suitable and trustworthy.

9.—If a surety dies or loses any of the necessary qualifications stated in Article 8, he must at once be replaced, and a new written declaration must be signed by his successor.

10.—When a surety is absent from his fixed residence for a longer period than four weeks, he must, before his departure, state his intention to be absent, and provide a representative having power of attorney. If both sureties be absent at the same time for a period of less than four weeks, a representative must be provided, and if their absence be longer than four weeks, a second representative must be also provided.

11.—If a student, being unable, through sickness, to continue the course which he has previously chosen, desires to change the said course, he may, upon application to the Director made within one month from the beginning of the academic year, be permitted to select

some other course in the same College.

12.—A student who by reason of misconduct, idleness, or chronic sickness, is considered by the President unfit to continue any longer a student of the College, receives notice of dismissal from the Director.

13.—A student desirous of leaving the College, must present a written application to that effect signed by himself and one of his sureties.

3. SUSPENSION OF ATTENDANCE.

1.—When a student who is suffering from sickness, considers that there is no likelihood of recovery sufficient to enable him to resume his studies within the space of two months, he may suspend his attendance at the College during the current academic year, after obtaining permission from the Director of the College.

2—A student who has obtained permission to suspend his attendance at a College, shall, at the beginning of the following academic year, enter the class of the grade to which he belonged when he obtained the said permission.

3.—No tuition fee is demanded of a student who has obtained permission to suspend his attendance at a College, during the period of such suspension.

If he is in receipt of a loan or other scholarship, or is a government cadet, the payment of such scholarship or cadetship is also suspended.

If such student recover from his sickness at an earlier date than he expected, he may by obtaining special permission attend classes, but not as a regular student, and in this case he is required to pay his tuition fee.

4.—When a student makes an application to the Director of his College for permission to suspend his studies, the Director may grant his request if he consider it reasonable, subject to the approval of the Director of the first Hospital of the Medical College, to whom the matter must always be referred.

5.—When the matter above mentioned is referred to him, the Director of the Hospital shall appoint a committee to examine into the state of health of the applicant, and shall inform the Director of the College of the result of their inquiry.

4. EXAMINATIONS AND CERTIFICATES.

1.—The annual examination commences on June 21st (or 22nd if the 21st be a Sunday), when students are examined on all subjects studied during the year; but should the intruction in any subject be completed during the first or second term, the examination on that subject may be held at the time of such completion. With regard to practical work carried out by students in laboratories, workshops, or any other place, the instructor has the option of deciding whether or not an annual examination shall be held. In the annual examination of the 4th year class of Medicine and the 3rd year class of Pharmacy in the Medical College, students are not examined on the subjects included in the graduation examinations.

2.—The term marks for the work done during each term in each subject shall be determined by written examinations, essays, or exercises, or by any other means the instructor may prefer. If a student has given no means of determining his term marks, on account of

absence during the whole term and at the term examination, or from other causes, his term marks shall be reckoned at zero.

3.—The year marks of a student in each subject at the end of each academic year, shall be determined by adding twice the average mark for the term work to the marks obtained at the annual examination, and then by dividing the sum thus obtained by 3.

Where any subject is studied during only one term, the year mark of the student in that subject shall be determined in the same way, the term mark being taken as the average mark for the term work.

N.B.—In the case of practical work done by students when no annual examination is held, the average mark for the term work will be considered the year mark.

4.—The general average of the student for each academic year is determined by dividing the sum of the year marks (obtained by the method mentioned in the foregoing article) in all the subjects, by the number of the subjects.

5.—Each professor or instructor shall report to the Director the term marks at the end of each term, and the marks for the annual examination as soon as possible after the date of examination.

6.—At the end of the first and second terms, a list of each class is posted up with the names arranged in the order of merit, showing the term marks in each subject and the general average for the term. At the end of the academic year, a list is posted up in the same way, showing the term average, the final examination mark, the year mark in each subject and the general average for the year. The names of the students in each class are printed

in the Calendar in the order of their general average for the year.

7.—At the end of each academic year, students are promoted, degraded or dismissed according to the scheme given on next page. Students who have failed in an examination, are not allowed to be re-examined under any circumstances.

GENERAL AVERAGE.	YEAR MARK UNDER 60.			DISPOSAL OF STUDENT.
	Number of subjects.	Lowest.	Next Lowest.	
60 to 100	None.			Promoted.
do.	1.	50 to 59 +		do.
do.	1.	0 to 49.		Degraded; {But if either term average or final examination mark is 60 or over.} Promoted.
do.	2.	50 to 59 +		Degraded; {But if either term average or final examination mark in either of the two is 60 or over.} Promoted.
do.	2.	40 to 49 +	50 to 59 +	Degraded; {But if either term average or final examination mark in both is 60 or over.} Promoted.
do.	2.	0 to 49 +		do.
do.	3 or more.	0 to 59 +		do.
50 to 59 +	1 or 2.	0 to 59 +		do.
do.	3 or more.	40 to 59 +		do.
do.	do.	0 to 39 +		Dismissed.
40 to 49 +	1.	0 to 49 +		Degraded.
do.	2 or more.	0 to 49 +		Dismissed.
0 to 39 +	1 or more.	0 to 39 +		do.

8.—Students who are absent from the annual examination will be degraded, but in cases where term averages obtained during the year are such as, according to the foregoing scheme, entitle them to promotion, a special examination will be held for them at the beginning of the next academic year.

9.—Students who are degraded according to Article 7, are required to attend the same class from the first term of the next year, and to pursue all the subjects studied by that class. They may sometimes be exempted from attending lectures on those subjects which are studied only during one year or a portion of one year, and on which they have passed their examinations; but they must be present at all the examinations held during the year.

10.—Any student who is degraded in two successive years shall be dismissed.

11.—At the end of each academic year, each student of the graduating classes whose term average and final examination marks are such as to entitle him to promotion, according to the scheme laid down in Article 7, shall receive a certificate of graduation from his College, in conformity with Article 3 of the Imperial Ordinance relating to the University. Students in the Medical College are required to pass a special examination for graduation.*

12.—The graduates of the Colleges are entitled to be styled as follows:—

The graduates of the College of Law—*Hōgakushi;* the graduates of the College of Medicine—*Igakushi*

*For particulars, see the special regulations for graduation examinations.

(or *Yakugakushi* in the Course of Pharmacy); the graduates of the College of Engineering—*Kōgakushi*; the graduates of the College of Literature—*Bungakushi*; and the graduates of the College of Science—*Rigakushi*.

Jun-Igakushi or those who graduated at the late Tōkyō Igakkō, before the degree of *Igakushi* was instituted, and graduates of the late Kōbu Daigakkō who failed to obtain the degree of *Kōgakushi* at their graduation examinations, and who have been engaged in professional practice since the time of graduation, can enjoy the privilege of styling themselves *Igakushi* or *Kōgakushi* respectively, on obtaining the sanction of the President of the University.

5. POST-GRADUATE STUDIES.

1.—The course of post-graduate studies is established in each College, for the benefit of students of the University Hall, and also for those graduates of the Colleges who may desire to pursue further the studies of the course which they have already completed. Graduates (not students of the University Hall) are admitted to this course only when circumstances allow.

2.—Students of this course are of two classes; holders of scholarships and other students.

3.—Scholarships will be allotted to students by the Director of each College with the sanction of the President and the University Council, only in cases where the students take a course of study for which special encouragement and assistance may be required; and the College will give to each holder of a scholarship a fixed sum for his monthly expenses in the College, and for the actual expenses incurred in his scientific investigations.

4.—Each holder of a scholarship will receive a sum not exceeding 15 yen per month, (for any part of a month according to the number of days), for his regular expenses in the College, and the necessary travelling expenses for scientific investigations, within the limit of the funds set apart for each student in each subject of study. A tuition fee is not demanded of any holder of a scholarship.

5—Students other than holders of scholarship are required to pay a tuition fee and the actual expenses incurred in their own investigations, but the whole of such expenses including travelling expenses, or a certain portion of the whole, may be granted to them by the College when necessary, with the sanction of the President and the University Council.

6.—The length of any course of post-graduate studies shall not be less than one year, nor greater than two years, but students of the University Hall may remain in this course longer than two years.

7.—Students attending a course of post-graduate studies, who by reason of misconduct, idleness or chronic sickness may be considered unfit to prosecute their studies, shall be dismissed, subject to the approval of the President and the University Council.

8.—At the close of the period for post-graduate studies, students are required to present to the professor in charge, a short statement of their scholastic career while in the College, and a written thesis treating of some branch of the study which they have been pursuing; and the professor in question shall forward all such papers to the Director of the College, accompanied by his remarks on the same.

9.—If the Director of the College finds that the report made by the professor on the papers above referred to is satisfactory, he shall certify the said report and give it to the students, and shall report his action to the President of the University.

10. No surety is required for post-graduate students, and they may in certain circumstances be permitted on application to live in the Dormitories.

11.—Regulations for admission and payment of tuition fees, and all the other regulations, hold good for students following a course of post-graduate study, unless special regulations are otherwise made.

6. ASSISTANTS.

A.—UNPAID ASSISTANTS.

1.—Unpaid assistants are appointed in the institutes, laboratories, workshops and hospitals belonging to the Colleges.

2.—The appointment of unpaid assistants is made at their own request, by the President acting under the advice of the University Council, from among those who have finished their course of study in one of the Colleges, or in the University Hall.

3.—Unpaid assistants having the same privileges and duties as other assistants, are required to comply with all the regulations of the University.

4.—To those who have discharged the duties of assistants in a satisfactory manner for a period of more than two years, certificates of merit will be given by the President acting on the request of the Director of the College and under the advice of the University Council.

B.—PAID ASSISTANTS.

1.—The number of paid assistants is fixed for each institute, laboratory, workshop and hospital; and a salary not exceeding 15 yen per month is paid to each assistant. But when special circumstances demand it, a salary exceeding 15 yen monthly may be paid, when this payment is sanctioned by the President, at the request of the Director of the College.

2.—Certificates of merit may be given to paid assistants in compliance with Article 4 of the regulations for unpaid assistants.

7. ELECTIVE STUDIES.

1.—Persons not regular students who wish to study one or more of the subjects prescribed in the courses in the Colleges of Law, Engineering, Literature and Science, may be permitted under certain conditions so to do, upon application, always provided that the number of regular students admits of this.

2.—In the College of Medicine, graduates of any medical school which is recognized by the Minister of State for Education as giving a thorough education in medicine and surgery, or those who show, upon examination, the same degree of proficiency as these graduates, are permitted to pursue elective studies, under the proviso mentioned in Article 1. In the Medical College, elective students may, under certain circumstances, be admitted by special permission of the President, at other times than the regular time for admission.

3.—The English, French or German languages cannot be chosen as elective studies by students, unless a

knowledge of either of them is necessary for the study of the special subjects chosen by them.

4.—Candidates for an elective course must be at least nineteen years of age, and except they be graduates of those medical schools referred to in Article 2, must satisfy the College examiners of their fitness to study the special subjects chosen by them.

5.—A student who has voluntarily left any one of the Colleges, except the College of Medicine, may, upon application, be admitted to an elective course.

6.—Elective students must pass the examinations prescribed for regular students in the same subject, and may obtain, upon application to the Director of the College, certificates that they have finished their course in a special subject, if their term and final examination marks are such as would entitle regular students to promotion.

7.—The ordinary regulations for admission, payment of fees, and other requirements are applicable to elective students, unless special regulations be made for them.

8.—A regular student of one of the Colleges may choose and pursue, as an elective study, one or more subjects in his own course or in any other course at his College, when the professors of the regular and elective courses have certified his fitness to take such course.

No student, however, is permitted to choose a subject prescribed for the upper classes of his regular course.

9.—Students who have entered on the study of any subject are not permitted to abandon the same in favour of another subject, until the close of the academic year, or the termination of the work of the regular course in that subject.

8. HONOUR STUDENTS.

1.—A student of any of the Colleges who is distinguished for his scholastic attainments and good morals, may be made an honour student.

2.—Honour students are nominated, upon the approval of the President, by the Director of each College, according to the results of the annual examination at the end of each academic year.

3.—Honour students enjoy the privilege of exemption from tuition fees.

4.—Honour students who by reason of misconduct, idleness, or sickness, may be considered unfit to continue such, will be deprived of this honour.

9. LOAN SCHOLARSHIPS.

A.—REGULATIONS.

1.—If a student takes a course of study in one of the Colleges where special assistance may be required, and shows himself proficient in scholastic attainments and of good moral character, but is unable to meet his College expenses from his own private means, the President of the University may allot to such student a College loan scholarship of eighty-five yen *per annum* during the academic year.

2—When requested by Government offices, companies, or private individuals, the President of the University may allot to students loan scholarships offered by these offices, companies, or individuals.

3.—Loan scholarships are given for two objects ; (*a*) in order to bind students to devote themselves, after graduation, to certain professions or occupations designated by the President of the University or the subscri-

bers, as the case may be, for the same number of years as such scholarships shall have been held, and (*b*) in order to promote and encourage university education.

4.—The holder of a loan scholarship is bound, after graduation, to return monthly the sum of money he received monthly while in the University, so as to complete the reimbursement of the whole sum during the same number of years as that in which he received such scholarship. The holder of a loan scholarship for the promotion of university education, must, in addition to the refunding of the sum of money, also pay back interest on the same at the rate of six per cent *per annum.*

5.—Should the holder of a loan scholarship granted by a company or private individual fail, after graduation, to engage in the profession or occupation designated by the subscriber, he may, after obtaining the consent of the company or individual, be released from his engagement, by returning the sum of money received in the form of a scholarship, together with interest on the same at the rate of six per cent *per annum;* the said total to be paid at one time within thirty days after such consent has been obtained.

6.—Interest payable on a loan scholarship shall be calculated for the number of days from the date when the money was actually received, up to the day of returning the same.

7.—Companies or private individuals desirous of offering loan scholarships, are requested to present to the President of the University two copies of a written declaration to that effect, and to obtain his acknowledgment for the same; one of these copies shall be returned to the subscriber and the other shall be kept in the University.

8.—Candidates for loan scholarships shall submit to the Director of each College a written application setting forth the object of their studies and other details.

9.—Successful candidates for loan scholarships shall present to the President of the University two copies of a written declaration after a prescribed form, certifying their intention of fulfilling their obligations; in the case of scholarships given by Government offices, companies or private individuals, a copy shall be sent to the subscriber, and the other shall be kept in the University with the original declaration of the subscriber.

10.—At the request of the subscriber of any scholarship, and with the President's approval, the sum to be paid to the holder of a scholarship may be diminished, and if by doing so there be a surplus in the amount subscribed, the number of scholarships may be increased.

11.—The subscribed fund and the payment of loan scholarships shall be intrusted to the accountant of the University.

12.—If any holder of a loan scholarship be deemed unfit to continue so any longer, on account of misconduct, idleness, or sickness, he shall be deprived of the scholarship.

B.—NUMBER OF SCHOLARSHIPS.

For the current academic year many scholarships are offered by the Colleges of Medicine, Literature and Science, by Government offices, by companies, and by private individuals, in accordance with the regulations above mentioned.

The Scholarships are as follows:

1 Scholarship offered by the Medical College to a student of Pharmacy.

6 Scholarships offered by the Literature College.

8 Scholarships offered by the Science College.

19 Scholarships offered by the Education Department to the students in the Literature and Science Colleges and the Politics Section of the Law College, who intend to serve as teachers in Middle or Normal schools after graduation.

51 Scholarships offered by the Department of Justice to the students in the Law Section of the Law College who intend to serve in that Department after graduation.

11 Scholarships offered by the Railway Bureau to seven students in Civil Engineering, three in Mechanical Engineering and one in either of these two courses in the Engineering College, who intend to serve in that Bureau after graduation.

30 Scholarships offered by the Bureau of Works in the Home Department to the students in the course of Civil Engineering in the Engineering College, who intend to serve in the said Bureau after graduation.

4 Scholarships offered by the Department of Agriculture and Commerce to two students each in Mechanical Engineering and Applied Chemistry in the College of Engineering, who intend to serve in that Department after graduation.

2 Scholarships offered by the Imperial Shipbuilding Yard at Yokosuka to one student each in Civil Engineering and Architecture in the College of Engineering, who intend to serve in the said Office after graduation.

11 Scholarships offered by the Mitsubishi Company to such students in any class in any College as the President of the University may select with the object of promoting the higher education.

6 Scholarships offered by Mr. ICHIBEI FURUKAWA to students in Mining and Metallurgy in the College of Engineering, with the object of fostering that branch of learning.

3 Scholarships offered by the Fujita Company of Ōsaka to two students in Mining and one in Applied Chemistry in the Engineering College, who intend to serve in the said Company after graduation.

4 Scholarships offered by the Nippon Doboku Kaisha to two students each in Civil Engineering and Architecture in the Engineering College, who intend to serve in the said Company after graduation.

1 Scholarship offered by the Tōkyō Electrical Lighting Company to one student in Electrical Engineering in the Engineering College, who intends to serve in the said Company after graduation.

1 Scholarship offered by the Ōsaka Cotton Spinning Company to a student in Mechanical Engineering in the College of Engineering, who intends to serve in that Company after finishing his course.

3 Scholarships offered by Mr. KICHIZAYEMON SUMITOMO to such students in the College of Engineering as the President of the University may select, with the object of fostering engineering science.

1 Scholarship offered by the Mitsui Company (Bussan Kwaisha) to a student in Mining and Metallurgy in the College of Engineering, who intends to serve in that Company after graduation.

12 Scholarships offered by Mr. RYŌSABURŌ HARA to six students each in the Colleges of Literature and Science, whom the President of the University may select, with the object of promoting the higher education.

1 Scholarship offered by the Ōsaka and Sakai Railway Company to a student in Mechanical Engineering in the College of Engineering, who intends to serve in that Company after graduation.

1 Scholarship offered by Dr. J. SHIMOYAMA and other seventeen graduates in pharmacy of the University to a student in pharmacy in the Medical College, whom the President of the University may select with the object of promoting research in that branch of Science.

2 Scholarships offered by Dr. RYŌKUN KONDŌ, to two students, one of the 1st and one of the 2nd year class in the Medical College, who intend after graduation to serve as his assistants.

2 Scholarships offered by Mr. ZENJIRŌ YASUDA, to such students of the Engineering College as the President of the University may select, with the object of fostering engineering science.

Besides the loan scholarships above mentioned, there is one cadet in the second division of the Law Section in the College of Law, who was transferred from the TŌKYŌ HŌGAKKŌ to the University at the time of its union, and whose cadetship is retained till his graduation.

There are seven cadets in law in the College of Law, and twenty cadets in medicine in the College of Medicine,

who are appointed by the President of the University, after consultation with the proper officers of the Army and at their request. These Army cadets are destined for judicial or medical appointments in the War Department, as the case may be, and their College expenses are paid by the War Department.

In the College of Engineering, there are eleven cadetships from the Navy Department, of whom five attend the class of Naval Architecture, three the special course of Mechanical Engineering for warships, two the class of Technology of Arms, and one that of Technology of Explosives. There are also fourteen cadetships offered by the War Department in the class of Architecture.

But cadets have not yet been appointed to the number above stated, as students in the University willing to hold such cadetships are at present limited in number.

In addition, many students have been sent to the different Colleges from several *Ken* at the expense of the local authorities.

Donations in money were received by the late Tōkyō Daigaku from Mr. Kihei Kobayashi, Dr. Chūtoku Ishiguro, and some of the officers of the Government Printing Office, and from the friends of the late Mr. Motogorō Yenuma, an assistant of the Tōkyō Daigaku, as a tribute to his memory: and by the Kōbu Daigakkō from the Minister of Public Works and the officers of his Department and from the Manager of the Mitsui Bank. Some of these donations have already been disposed of according to the instructions of the several donors, while others have been transferred to a fund belonging to the present University.

In the present University, HATAKEYAMA scholarships have been founded in Law and Chemistry, by the friends of the late Mr. YOSHINARI HATAKEYAMA, M.A., an eminent Director of the TŌKYŌ KAISEI GAKKŌ, to whose zeal and exertions that institution was indebted for the establishment of the courses in Law and Chemistry and for its final development into the TŌKYŌ DAIGAKU.

Donations in money were also lately received from Mr. ICHIBEI FURUKAWA to aid in the promotion of Mining and Metallurgy studies, from the friends of the late Professor MORISABURŌ ICHIKAWA to found scholarships among the students in the First Higher Middle School, who are preparing for admission to the class of physics in the College of Science, from Dr. SEIKEN TAKENAKA towards the fund of the hospital of the Medical College, and from the Association of Popular Lectures in German in aid of students suffering from illness who have no sufficient means.

10. SCIENTIFIC EXCURSIONS.

In any case where a student in any one of the Colleges, or a student following a post-graduate course, may have to undertake a scientific excursion, the Director of the College shall order him to undertake the same, after the approval of the President has been obtained, and shall allow him his travelling expenses according to a fixed rate, within the limit of the funds set apart for each student in the different courses, as prescribed in the following page.

LIMIT OF ALLOWANCES SET APART BY THE UNIVERSITY FOR EACH STUDENT IN THE DIFFERENT COURSES.

Subject or Course.	Student in the post-graduate courses. (To be paid in 2 years.)	Student in the regular courses. (To be paid in 2nd & 3rd year.)*
	Yen.	*Yen.*
1. Law	50.	—
2. Pathology	50.	—
3. Pharmacology	50.	—
4. Hygiene	50.	—
5. Civil Engineering ..	180.	120.
6. Mechanical „ ..	150.	100.
7. Naval Architecture ..	150.	100.
8. Electrical Engineering	100.	60.
9. Architecture	100.	60.
10. Applied Chemistry ..	90.	60.
11. Mining & Metallurgy	180.	120.
12. Literature	50.	—
13. Physics	50.	—
14. Theoretical Chemistry	35.	35.
15. Geology	108.	72.
16. Biology	90.	60.

11. FEES AND OTHER EXPENSES.

The regulations established for tuition fees are as follows :—

1.—The tuition fee demanded of each student both regular and elective, in the five Colleges, is two yen and fifty sen for one month, which sum must be paid monthly,

* These allowances may be paid during the 1st year in certain conditions.

from the month of his entrance to the month of his graduation, departure or dismissal, inclusive. A student may pay in advance at one time the tuition fee for several months, but in such cases, if the student should happen in the meantime to leave his College by an incidental event, the fee paid in advance will be returned to him.

2.—No tuition fee is required for the months of the summer vacation, *viz.* July and August, nor for any month during the whole of which the College to which the student belongs happens to be closed.

3.—A student who on account of illness or other similar cause is absent from his College during any entire month, is still required to pay the regular tuition fee for that month.

4.—The tuition fee shall be paid to the accountant of the University on a fixed day in each month; but in cases where a student may have entered the College after such fixed day in any month, the fee for that month shall be paid on the fixed day in the following month.

The necessary expenses of any one student of any College, who resides in the Dormitories or in the authorised boarding-houses, including the tuition fee, the cost of living, fire and light, will vary from a maximum of twelve yen to a minimum of seven yen and fifty sen per month, according to the scale of living he may choose to adopt.

12. RESIDENCE AND DISCIPLINE OF STUDENTS.

All students of the Colleges, not elective students, must live in the Dormitories within the Compounds of the University, or, (owing to the want of a sufficient

number of rooms to meet the requirements of all the students), in the authorised boarding houses, which are situated within a radius of about ten *chō* from the University. Students, however, may live in their houses or in a professor's house under the supervision of their parents or elder brothers or the professor in whose house they live, by permission obtained from the proper officer of the University.

As to residence and discipline, all students are under the care of the Superintendents of Dormitories, who are careful to see that the regulations established by the President of the University are observed, and who issue from time to time minor regulations and notices for the guidance of students.

All inquiries, applications, and complaints regarding matters connected with the residence of students, should be addressed to the Superintendents.

Students are permitted to wear no other dress than the College uniform, and must wear it in a decent and orderly manner; as a general rule, the winter suit is worn from the 1st of November to the 31st of May, and the summer suit from the 1st of June to the 31st of October.

Regularity of hours, observance of rules, and general good conduct are required as a condition for residence in the Dormitories as well as in the authorised boarding houses.

The following is an abstract of the regulations for Dormitories issued by the President of the University :—

The students who live in the Dormitories are limited in number for the present, and receive notice from the Superintendent when they must enter, generally at the

beginning of each academic year. But it is permissible for those students who have received from the Superintendent notice to enter the Dormitories, or are expected to live in the authorised boarding houses, to live in their own houses or in a professor's house, if they so desire, excepting all holders of scholarships and all cadets, who must, in every case, enter the Dormitories, when they have received due notice.

Students who enter the Dormitories are required to sign their names in the Dormitory register.

The sureties of a student who have signed the required declaration at the time of his admission to his College, are responsible in all matters connected with his residence in the Dormitory.

Students are required to keep their rooms clean and tidy.

Students are forbidden to bring into the Dormitories or keep therein, any intoxicating liquor, or any article prejudicial to good order and decency; and to smoke tobacco in their bed-rooms.

Students are forbidden to receive any visitor except in the rooms set apart for the purpose.

Students may, when they have finished their daily work at the Colleges, go outside the University gates on private business, until 6 or 7 o'clock p.m. according to the season of the year, or until 10 o'clock on the night before any holiday. On holidays students are at liberty to go outside the gates from morning till 6 or 7 p.m.

A student who is prevented by illness from attending College, is not allowed to go out of the University gates, except by special permission from the Medical Officer.

A student who is desirous of leaving his Dormitory to attend to necessary private business, must first obtain leave from the Superintendent, on application made by himself and one of his sureties.

A student who has gone outside the University gates and returns to the Dormitory later than the appointed hour, must bring with him a note from one of his sureties, explaining the reason of the delay, and must submit the same to the Superintendent; and no student is allowed to enter the University gates after 11 o'clock p.m., by which hour they are shut.

A student who is obliged to stay out a whole night by reason of urgent business or sudden illness, must submit to the Superintendent, before 10 o'clock of the next morning, a certificate from one of his sureties stating the fact, even when he is unable to return in person to the Dormitory on that morning.

A student suffering from a slight attack of illness may receive medical attendance in the Dormitory, and may remain in his own room for one week, but in cases where his sickness is of a serious nature or is infectious or contagious, or where recovery has not taken place within one week, he shall be removed to any place designated by him, if he desires it, or to the Hospital belonging to the College of Medicine.

A student suffering from illness is not permitted to take meals in his room, without permission from the Superintendent, acting under advice from the Medical Officer.

Any student failing to observe the regulations and notices issued from time to time, or guilty of misconduct, shall be liable to the proper punishment or to dismissal, as the nature of his case requires.

13. RECREATION AND PHYSICAL EXERCISES.

An enclosure has been set apart in the centre of the University grounds at Hongō, for the purposes of recreation, and is now provided with all the requisites for outdoor sports. The University boat-house stands on the east bank of the River Sumida, at Mukōjima. Its upper floor, commanding an extensive view of the river, is specially arranged for the accommodation of visitors at the annual regattas.

The *Teikoku Daigaku Undōkwai* or University Exercise Club, organized under the patronage of the present President of the University, who is *ex-officio* president of the club, receives an annual grant-in-aid from the University. Its current expenses are met by the subscriptions of its members, and of professors and others of the University staff who are not members. Professors and all other members of the University staff, and graduates and students of the University Hall and the five Colleges, are eligible for membership in the club.

The club holds two large annual gatherings, one in the University grounds for athletic sports and other physical exercises in the autumn, and one for a regatta in the spring on the River Sumida.

During the summer vacation, students are trained in swimming under the superintendence of a competent teacher, in the River Sumida below the Ryōgoku Bridge.

Arrangements have been made in the building adjoining the Dormitories for rooms suitable for the holding of meetings by the various scientific, literary and musical societies.

V. COLLEGE OF LAW.

I. OFFICERS.

DIRECTOR.

His Excellency HIROMOTO WATANABE, President of the University.

CHIEF-PROFESSOR.

Professor KAZUO HATOYAMA, *Hōgakuhakushi*, D.C.L. (Yale College).

PROFESSORS.

*GEORGES APPERT, Bachelier ès Sciences, Docteur en droit (de la Faculté de Paris). ..... *French Law.*

NOBUSHIGE HOZUMI, *Hōgakuhakushi*, Barrister-at-Law (Middle Temple). ..... *Jurisprudence, Roman Law and English Criminal Law.*

KARL RATHGEN, Dr. R. P. (Strasburg University). ..... *Public Law, Administrative Science and Statistics.*

HIROJI KINOSHITA, *Hōgakuhakushi*, Licencié en droit (Faculté de droit de Paris). ..... *French Civil Law.*

MASAAKIRA TOMII, *Hōgakuhakushi*, Docteur en droit, Lauréat des Concours de la Faculté de Lyon. ..... *Criminal Law and French Civil Law.*

CHARLES B. STORRS, B.A. (Yale College), LL.B. (Columbia College) ..... *English Law.*

---

* The names of professors, assistant-professors, lecturers and assistants are arranged according to seniority of appointment.

KENZŌ WADAGAKI, *Bungakushi*. ..... *Political Economy.*

HEINRICH WEIPERT, Doctor Juris (Jena University), Barrister-at-Law (Cassel). .....
German Law and Roman Law.

SEIICHI SUEOKA, *Bungakushi*. ..... *Administrative Science.*

UDA EGGERT, Doctor Philos., Professor (der Staatswissenschaften) of Göttingen University. .....
Finance and Political Economy.

KAZUO HATOYAMA, *Hōgakuhakushi*, D.C.L. (Yale College). ....
English Law and International Law.

JUNROKURŌ SHIBA, *Hōgakushi*, ...
Administrative Science and International Law.

ASSISTANT-PROFESSORS.

† YASUSHI HIJIKATA, *Hōgakushi*..... *English Law.*

KEIJIRŌ OKANO, *Hōgakushi*. ..... *English Law.*

LECTURERS.

KENTARŌ KANEKO, LL.B. (Harvard University) .....
Japanese Administrative Law.

TERUHIKO OKAMURA, *Hōgakuhakushi*, Barrister-at-Law (Middle Temple). .....
Civil Procedure and Evidence.

YEMONDA ONO, *Hōritsugakushi*. ..... *Criminal Procedure.*

INAJIRŌ TAJIRI, *Hōgakuhakushi*, B.A. (Yale College) .....
Money and Banking.

KANEKICHI OKAYAMA, *Hōgakushi*.....
Practical Exercises in Civil and Criminal Pleadings.

---

† Absent.

II. COURSES OF INSTRUCTION.

The following two courses, each of which extends over three years, have been established in this College, the course of Law being divided into three divisions.

1. Law { First Division. / Second Division. / Third Division.
2. Politics.

1.—LAW.

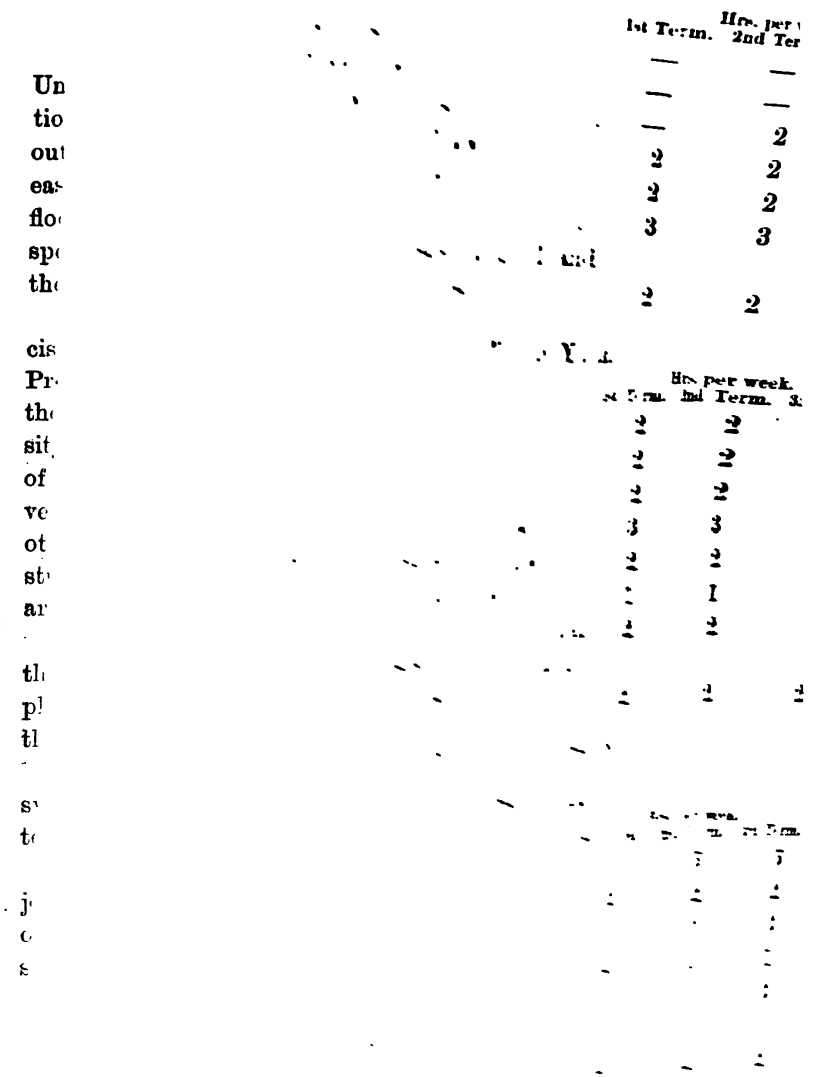
FIRST DIVISION.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Contract	4	4	4
Tort	2	2	2
Roman Law	3	3	3
Agency	—	—	3
English Criminal Law	2	2	2
Criminal Law	2	2	2
English Constitution	3	3	—
French (optional)	3	3	3
Practical Exercises in Civil and Criminal Pleadings	2	2	2

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Negotiable Instruments	3	—	—
Bailments	2	—	—
Sales	1	1	1
Maritime Law	—	2	2
Insurance	2	2	—


1st Term.
Hrs. per
2nd Ter
Hrs. per week.
2nd Term.

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Civil Law	5	5	5
Civil Procedure	2	2	2
Criminal Procedure	2	2	2
Roman Law	3	3	3
English (optional)	2	2	2
Practical Exercises in Civil and Criminal Pleadings	2	2	2

Third Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Civil Law	2	2	2
International Law	3	3	3
Jurisprudence	3	3	3
Japanese Administrative Law	2	2	2
Administrative Law	2	2	2
English (optional)	2	2	2
Practical Exercises in Civil and Criminal Pleadings	2	2	2

THIRD DIVISION.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Roman Law	6	6	4
Seminary Exercises in Roman Law	—	—	2
Criminal Law	2	2	2
Political Economy	3	3	3
English	3	3	3
Practical Exercises in Civil and Criminal Pleadings	2	2	2

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Civil Law	2	2	2
Commercial Law	3	3	3
Seminary Exercises in Roman Law	1	1	1
Criminal Procedure	2	2	2
Public International Law	2	2	—
Japanese Administrative Law	2	2	2
Political Economy	2	2	2
English	2	2	2
Practical Exercises in Civil and Criminal Pleadings	2	2	2

Third Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Commercial Law	2	2	2
Civil Procedure	3	3	3
Public Law	4	4	4
Jurisprudence	3	3	3
Political Economy	2	2	2
English	3	3	3
Practical Exercises in Civil and Criminal Pleadings	2	2	2

2.—POLITICS.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Contract	4	4	4
Tort	1	1	1
Criminal Law	2	2	2

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Political Economy	3	3	3
English Constitution	3	3	3
Politics	2	2	2
Statistics	1	1	1
German	2	2	2
French (optional)	3	3	3

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Civil Procedure	1	1	1
Civil Law	3	3	3
Public Law and Administrative Science	5	5	5
Political Economy and Finance	2	2	2
Seminary Exercises in Political Economy	2	2	2
Statistics	1	1	1
German	2	2	2
French (optional)	2	2	2

Third Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Civil Law	2	2	2
Administrative Science	2	2	2
Seminary Exercises in Administrative Science	2	2	2
Japanese Administrative Law	2	2	2
Political Economy and Finance	4	4	4
Seminary Exercises in Political Economy	2	2	2

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
*Public International Law	2	2	2
*Money and Banking	2	2	2
German (optional)	2	2	2
French (optional)	2	2	2

*Either of the Courses to be selected.

1. Lectures are given on the laws and customs of this country connected with the above subjects, where such now exist. In addition, English Laws are studied in the First Division, French Laws in the Second Division and German Laws in the Third Division of the Section of Law.

2. Students who wish to pursue a course of optional subjects are required to obtain permission from the Director of the College.

3. Students who have duly obtained permission to pursue an optional course are required to undergo the prescribed examinations. To such as have successfully passed these examinations, certificates will be awarded by the President of the University.

VI. COLLEGE OF MEDICINE.

I. OFFICERS.

DIRECTOR.

Professor HIIDZU MIYAKE, *Igakuhakushi.*

CHIEF-PROFESSOR.

Professor KENJI ŌSAWA, *Igakuhakushi*, M. D. (Strasburg University).

PROFESSORS.

HIIDZU MIYAKE, *Igakuhakushi*.....*Medical History.*

ERWIN BAELZ, M. D. (Leipsic University) .....
Medicine and Clinical Medicine.

†KAZUYOSHI TAGUCHI, *Igakuhakushi* .....*Anatomy.*

KENJI ŌSAWA, *Igakuhakushi*, M. D. (Strasburg University)..
Physiology.

HOGARA UNO, *Igakushi*.....*Surgery.*

MASAKICHI SASAKI, *Igakuhakushi* .....*Medicine.*

MASANORI OGATA, *Igakuhakushi* .....*Hygiene.*

YOSHIKIYO KOGANEI, *Igakuhakushi*....*Anatomy and Histology.*

DJUNTARŌ TAKAHASHI, *Igakushi*.....*Pharmacology.*

HAZIME SAKAKI, *Igakushi*.....*Psychiatry.*

MORIJI MIURA, *Igakushi*, M. D. (Berlin University) .....
General Pathology and Pathological Anatomy.

JUNICHIRŌ SHIMOYAMA, *Seiyakushi*, Ph. D. (Strasburg University) .....*Pharmacy.*

† Absent.

KEIZŌ TAMBA, *Seiyakushi*, Ph. D. (Erlangen University) ... *Pharmacy.*

TANEMITZ AOYAMA, *Igakushi* ..... *Medicine.*

SANKICHI SATŌ, *Igakushi* ..... *Surgery and Clinical Surgery.*

GENTATSU HAMADA, *Igakushi* ..... *Gynecology and Obstetrics.*

ASSISTANT-PROFESSORS.

TSUKANU IMADA ..... *Anatomy.*

TŌKICHIRŌ NIWA, *Seiyakushi* ..... *Pharmacy.*

JŌGORŌ ISE, *Igakushi* ..... *Medicine.*

TASUKU KŌNO, *Igakushi* ..... *Ophthalmology.*

HŌRIN KATAYAMA, *Igakushi* ..... *Surgery.*

JIRŌ TSUBOI, *Igakushi* ..... *Hygiene.*

LECTURER.

CHŌ HIROTA, *Igakushi* ..... *Paediatrics.*

ASSISTANTS.

FUMITANE TAKAGI ..... *Surgery.*

TAKUZŌ YANAGI, *Igakushi* ..... *Gynecology and Obstetrics.*

HISAYASU MITA, *Igakushi* ..... *Psychiatry.*

NAGANORI MAJIMA, *Igakushi* ..... *Medicine.*

REN HORI, *Igakushi* ..... *Medicine.*

KICHINDO INOKO, *Igakushi* ..... *Pharmacology.*

SHUNICHI SHIMAMURA, *Igakushi* ..... *Psychiatry.*

GAKUTARŌ ŌSAWA, *Igakushi* ..... *Anatomy.*

NENJIRŌ CHIBA, *Igakushi* ..... *Gynecology and Obstetrics.*

KINNOSUKE MIURA, *Igakushi* ..... *Medicine.*

TAIJŌ KŌNO, *Igakushi* ..... *Surgery.*

GENSHI SEO, *Igakushi*.....*Surgery.*
SHIZUO YEMA, *Igakushi*.....*Medicine.*
KUMOJI SASAKI, *Igakushi*.....*Gynecology and Obstetrics.*
YEIJIRŌ HAGA, *Igakushi*.....*Surgery.*
MANAO HORI, *Igakushi*.....*Opthalmology.*
SUYETADA TAKEZAKI,.....*Pathology.*
MASUJIRŌ KAMIJŌ.....*Opthalmology.*
JUNJIRŌ SAKAKI.....*Gynecology aud Obstetrics.*
MASAYOSHI KATAYAMA.....*Psychiatry.*
KŌMIN TANABE.....*Psychiatry.*
JUNZŌ UCHIDA..... *"Kakke."*

OFFICERS OF THE HOSPITAL.

ACTING-DIRECTOR.

PROFESSOR HOGARA UNO, *Igakushi.*

MANAGER.

NAOKAGE YAMADA.

II. COURSES OF INSTRUCTION.

The courses established in this College are as follows:—

1. Medicine.
2. Pharmacy.....

The course of Medicine extends over four years and is divided into four classes. The course of Pharmacy extends over three years and is divided into three classes.....

MEDICINE.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Anatomy	6	6	6
Anatomy (practical)	6	12	—
Histology	2	2	—
Histology (practical)	—	—	7
Physiology	6	6	6
General Pathology	—	—	5
Medical History	—	—	1

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Anatomy (practical)	6	—	—
Pharmacology	3	3	—
Materia Medica	—	2	—
Pathological Anatomy and Demonstrations (practical)	1	—	—
Pathological Anatomy	5	5	—
Pathological Histology (practical)	—	2	2
Diagnosis	—	3	3
Clinical Medicine, (optional)	—	—	3
General Surgery	3	3	—
Clinical Surgery (optional)	—	—	6
Bandaging	—	—	3
Gynecology and Obstetrics	—	—	3
Ophthalmology	—	—	2
Medical History	1	1	—
Special Medicine	—	—	3
Special Surgery	—	—	2

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Topographical Anatomy	2	2	—
Special Medicine	3	3	3
Clinical Medicine	3	3	3
Out-patient Dispensary (medical)	6	6	6
Special Surgery	2	2	2
Clinical Surgery	6	6	6
Out-patient Dispensary (surgical)	3	3	3
Obstetrics	3	—	—
Practice on the Mannikin (phantom)	—	2	—
Ophthalmology	1	—	2
Clinical Ophthalmology	—	3	3
Dermatology and Syphilis	3	—	—
Clinical Gynecology and Obstetrics	—	—	3
Hygiene	—	—	2

FOURTH YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Special Medicine	3	3	—
Clinical Medicine	3	3	3
Out-patient Dispensary (medical).	6	6	6
Special Surgery	2	2	—
Clinical Surgery	6	6	6
Out-patient Dispensary (surgical)	3	3	3
Demonstrations in Surgery (practical)	—	—	3

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Clinical Gynecology and Obstetrics	3	3	3
Ophthalmology	1	—	—
Clinical Ophthalmology and Exercises on Ophthalmoscope	—	3	3
Clinical Psychiatry	2	2	—
Hygiene	2	—	—
Forensic Medicine	—	—	3

PHARMACY.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Pharmaceutical Chemistry	5	5	—
Botanical Anatomy	2	—	—
Medicinal Botany	—	—	3
Botany (practical)	—	—	5
Dispensing	3	—	—
Dispensing (practical)	12	—	—
Organic Chemistry	—	2	3
Practice in the Japanese Pharmacopœia	—	18	18

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Dispensing (practical)	6	—	6
Botany (practical)	—	—	5
Practice in the Japanese Pharmacopœia	18	—	—
Pharmacognosy	3	4	—

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Microscopy	—	5	—
Forensic Chemistry	2	2	—
Pharmaceutical Preparations	—	18	18
Sanitary Chemistry	—	—	3

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Dispensing (practical)	—	6	—
Practice of Microscope in Pharmacy	5	—	—
Forensic Chemistry (practical)	—	—	12
Pharmaceutical Preparations (practical)	18	18	—
Sanitary Chemistry (practical)	—	—	12
Analysis of Medicinal Plants	8	8	—
Laws affecting Apothecaries	—	—	1

The final examinations for those who have finished the prescribed courses in Medicine and Pharmacy will be held during a period lasting from the 11th of September to the 31st of March.

Regulations for the final examinations in Medicine are given below. Those for Pharmacy have not yet been established, as this course has only recently been instituted.

REGULATIONS FOR FINAL EXAMINATIONS.

Art. 1. The Final Examinations for students of the graduating class in the course of Medicine in the College of Medicine shall be held in accordance with the following regulations :—

Examining Committee.

Art. 2. Examining Committees shall be appointed from amongst the professors of the College.

Examination Term.

Art. 3. The Final Examinations shall begin in the month of September in each year, and end in the following March, and candidates for examination shall send in their applications to the Director of the College, not later than the last day of August. The days for examination on each subject shall be notified previously.

Subjects of Examination.

Art. 4. The subjects of examination shall be divided into three sections :—

I. Anatomical and Physiological.
II. Surgical and Ophthalmological.
III. Medical and Obstetrical.

Candidates are required to undergo examinations in the order of the sections as above mentioned.

Art. 5. Section I.—The Anatomical and Physiological Examinations are divided into three parts :—

A. Anatomy.
B. Physiology.
C. Pathology.

The examinations in this section continue for a period of three working days, Sundays and holidays being excepted, and this period is divided into four terms. The first two terms are devoted to Anatomy and the last two to Physiology and

Pathological Anatomy. In each term, not more than eight candidates are examined at one time.

A.—Anatomy.

(*a.*) In the first term, each candidate must take up certain questions on Osteology and Spranchnology which fall to him by lot, and give full explanations of the specimens laid before him.

The Examining Committee shall select from 12 to 15 questions on these subjects, at the beginning of the term in each year.

(*b.*) In the second term, each candidate must take up certain questions on Histology which fall to him by lot, and answer such questions, using the microscope to explain the specimens laid before him.

The Examining Committee shall select from 10 to 12 questions on this subject at the beginning of the term in each year.

B.—Physiology.

In the examination in Physiology, each candidate is required to answer the questions which have fallen to him by lot.

The Examining Committee shall select about 20 questions on this subject at the beginning of the term in each year.

C.—Pathological Anatomy.

(*a.*) Each candidate is examined in the practical autopsy of at least one cavity and is required to give explanations of some specimens, making use if necessary of the microscope.

(*b.*) Each candidate shall take up some questions on Pathology and Pathological Anatomy

assigned to him by lot and give answers to them with full explanations.

The Examining Committee shall select 15 questions on these subjects at the beginning of the term in each year.

Certificates in terms of the following schedule shall be given by the Examining Committee to candidates who have passed successfully the examinations in Anatomy and Physiology.

Schedule.

To Mr. .....of.....

born on.....day,.....month,.....year.

This is to certify that the said Mr. ..... has passed the final examinations in Anatomy and Physiology held for ..... days, from ..... to ..... with the following result.

	Marks.
Osteology and Spranchnology	.....
Histology	.....
Physiology	.....
Pathological Anatomy	.....
The whole result	.....

(Signed).....

.....

.....

.....

EXAMINING COMMITTEE.

COLLEGE OF MEDICINE.

Date.

N.B.—Any one who has obtained this certificate shall immediately report himself to the Director of

the College and present the certificate to the Examining Committee of the section next in order, within three days from the date of this certificate; and he must be ready to undergo examinations in the following section after one week has elapsed from the completion of the examinations in the previous section, unless some occurrence intervenes of a nature serious enough to justify his absence.

Any candidate who fails to comply with this regulation shall not be allowed to enter for further examinations during the same academic year.

Art. 6. Section II.—The Surgical and Ophthalmological Examinations are divided into three parts:—

A. Surgery.
B. Ophthalmology.
C. Pharmacology.

The examinations in this section continue for a period of twelve working days, Sundays and holidays being excepted, which period is divided into four terms. The first two terms are devoted to Surgery and the last two to Ophthalmology and Pharmacology. In each term not more than four candidates are examined at one time.

A.—The examinations in Surgery, (*a*) Clinical and (*b*) Theoretical.

(*a.*) In the clinical examinations, each candidate is required to treat one or two patients during a period of one week. During the first and second days of the examination term, each candidate shall examine one of the surgical cases in the wards, and give explanations before the Examining Committee regarding its cause, diagnosis, prog-

nosis and treatment, and he shall record these explanations in a journal for presentation on the following morning. During the succeeding six days, he is required to attend the patient in his charge in company with the Examining Committee, and describe in a journal the details of the patient's case. At the close of one week from the beginning of the examination term, he must present to the Committee a complete clinical journal, accompanied by his own epicrisis on the same.

During the whole term of examination, candidates are also required to attend all the clinical lectures held by one of the examiners, and to accompany him in his visits to the wards. This will afford the Examining Committee frequent opportunities of testing the efficiency of candidates, as each candidate is liable to be called upon by them to examine any of the surgical cases in the wards.

(*b.*) A theoretical examination shall be held in the same week as the clinical examination, the term for it being specially fixed. Each candidate must answer one question, assigned to him by lot, on general, and another question on special, surgery. The Examining Committee shall select 24 questions each on clinical and theoretical surgery, at the beginning of the term in each year.

B.—Ophthalmology.

Candidates will be examined on some ophthalmological cases.

C.—Pharmacology.

Candidates are required to answer the questions allotted to them and to write a few prescriptions.

The Examining Committee shall select 25 questions on this subject at the beginning of the term in each year.

Certificates in terms of the following schedule shall be given by the Examining Committee to candidates who have passed successfully the examinations in Surgery and Ophthalmology.

Schedule.

To Mr. .....*of*.....

born on....*day*,....*month*,....*year.*

This is to certify that the said Mr. .....*has passed the final examinations in Surgery and Ophthalmology held for*.....*days, from*.....*to*..... *with the following result.*

	Marks.
Clinical Surgery	.....
Theoretical Surgery	.....
Ophthalmology	.....
Pharmacology	.....
The whole result	.....

(Signed).....

.....

.....

.....

EXAMINING COMMITTEE.

COLLEGE OF MEDICINE.

Date.

N.B.—See the terms of schedule contained in the the foregoing Article.

Art. 7. Section III.—The Medical and Obstetrical Examinations are divided into two parts :—

A. Internal Medicine.

B. Obstetrics and Gynecology.

The examinations in this section continue during a period of ten working days, Sundays and holidays being excepted, which period is divided into four terms. The first two terms are devoted to Medicine and the last two to Obstetrics and Gynecology. .. ..

In each term, not more than four candidates are examined at one time.

A.—The examination in Internal Medicine are divided into (*a*) Clinical and (*b*) Theoretical.

(*a.*) In the clinical examination, candidates are required to treat one or two patients during a period of one week. On the first and second days of the examination term, each candidate shall examine one medical case, and offer explanations of its cause, diagnosis, prognosis and treatment, in presence of the Examining Committee, and he shall record these explanations in a journal for presentation on the following morning. During the succeeding six days, he shall attend the patient in his charge in company with the Examining Committee, and describe the details of the patient's case in his journal. At the close of one week from the beginning of the examination term, he must present to the Committee a complete clinical journal accompanied by his own epicrisis on the same.

During the whole examination term, candidates are required to attend all the clinical lectures held by one of the examiners, and to accompany him in his visits to the wards. This will afford the Examining Committee frequent opportunities of testing the efficiency of candidates, as each candidate is liable to be called upon by them to examine any of the medical cases in the wards.

(*b.*) The theoretical examination shall be held in the same week as the clinical examination, the time for it being specially arranged, and each candidate is required to answer the questions on special pathology which have fallen to him by lot.

The Examining Committee shall select from 25 to 30 questions on this subjects at the beginning of the term in each year.

B.—The examination in Obstetrics and Gynecology is principally of a clinical nature. Candidates are examined in cases of confinement, the labouring or puerperal state, or in some gynecological cases and on the obstetrical phantom. Candidates may be required to answer the questions on the theory of these subjects which have fallen to them.

The Examining Committee shall select 15 questions on these subjects at the beginning of the term in each year.

Certificates in terms of the following schedule shall be given by the Examining Committee to candidates who have successfully passed the examinations in Medicine and Obstetrics.

Schedule.

To Mr. .....*of*.....

born on.....*day*,.....*month*,.....*year.*

This is to certify that the said Mr. ..... *has passed the final examinations in Medicine and Obstetrics held for* ..... *days, from* ..... *to* ....., *with the following result.*

	Marks.
Clinical Medicine	
Theoretical Medicine	
Obstetrics and Gynecology.....	
The whole result	

(Signed).....

.....

.....

.....

EXAMINING COMMITTEE.

COLLEGE OF MEDICINE.

Date.

N.B.—Those who have successfully passed the examinations shall present to the Director of the College the certificates given by the Committee.

RESULTS OF EXAMINATIONS.

Art. 8. The results of examinations both clinical and theoretical in each subject shall be marked as follows, according to the degree of efficiency:—*excellent, very good, good, tolerable, and bad.*

Art. 9. The result of an examination in one section shall be determined by the marks obtained for each part of that section, in the following manner:—

The mark *excellent* has the value 5; *very good*, the value 4; *good*, 3; *tolerable*, 2; and *bad*, 1. In cases of re-examination in any one section, no higher mark than "*good*=3" shall be given.

Art. 10. The whole result of the final examination shall be determined by the results of the three sections, viz: *A.*—Anatomical and Physiological, *B.*—Surgical and Ophthalmological, and *C.*—Medical and Obstetrical. The mark "*excellent*=5" for the whole results of a final examination, shall be given only to the candidate who has obtained the mark "*very good*=4" for all sections and for all parts of the same.

RE-EXAMINATION.

Art. 11. Those who have obtained the mark "*bad*=1" for all parts of one section shall not be allowed to present themselves for any further examination during that term, but will be re-examined in the following year in the whole of that section.

Those who have obtained the mark "*tolerable*=2" for any two of the sections, shall be treated as in the above case.

Art. 12. A candidate who has failed in the final examinations for the third time is debarred thereafter from presenting himself at the examinations.

MISCELLANEOUS.

Art. 13. Any candidate who considers himself unable to attend the final examinations of the current term, by reason of sickness or some other cause which has begun to operate since the date of his application, must inform the Director of the cir-

cumstance as early as possible. If any student fails more than twice to undergo the final examinations in the proper terms, he may be dismissed by the Director from the College. Candidates who are unable to attend examinations on the fixed days by reason of sickness or some other cause, shall immediately report the circumstance to the Director. Medical certificates must be presented in case of sickness, and in case of any other cause, the particulars shall be reported in writing. Such candidates may be specially examined later on in the same term, if the reasons for absence are considered satisfactory, but should the term be already over, they shall be examined in the following year as if no break had occurred. In this case the candidate is in other respects treated exactly as if he had failed, except that he is eligible to receive marks higher than "*bad* = 1."

There are laboratories in this College for the following subjects:—

1. Anatomy.
2. Physiology.
3. Pathology.
4. Pharmacology.
5. Hygiene.
6. Forensic Medicine.
7. Pharmacy.

These laboratories are provided with all the essentials for lectures and for students' work.

By-laws to the Regulations for Elective and Post-

graduate Studies in the College of Medicine have been established as follows:—

BY-LAWS TO THE REGULATIONS FOR ELECTIVE STUDENTS.

1.—Elective students shall, in all matters, comply with the orders of the professors in the courses of studies which they pursue, or of the Director of the Hospital, as the case may be.

2.—Elective students may be ordered to discharge the duties of assistants by professors in charge or by the Director of the Hospital.

3.—At the close of the first year after his admission to the elective course, each elective student shall present a written statement of the studies which he has pursued during that period to the professor in charge, who shall forward the document to the Director of the College with a certificate containing his remarks. The Director shall ratify and grant the said certificate to the student, if it is considered satisfactory.

4.—If an elective student desires to continue his studies after he has finished one year's study, he shall apply for permission to the Director of the College.

5.—In the Hospital, elective students are prohibited, except by special permission of the Director of the Hospital or of the physicians in charge, from treating patients or from using any of the instruments, medicaments, and the like, with the object of treating the patients.

BY-LAWS TO THE REGULATIONS FOR POST-GRADUATE STUDIES.

1.—Post-graduate students shall in all matters comply with the orders of professors of the courses of

studies which they pursue, or of the Director of the Hospital, as the case may be.

2.—Post-graduate students who make investigations in the Hospital may be required to discharge the duties of assistant by the professor in charge or by the Director of the Hospital.

3.—In the Hospital, post-graduate students are prohibited, except by special permission of the Director or the physicians in charge, from treating patients, or from using any of the instruments, medicaments and the like, with the object of treating the patients.

There are two hospitals called respectively the First Hospital, situated in the University grounds, and the Second Hospital situated at Shitaya, which admit such patients as may be deemed instructive cases in medical and surgical practice and investigations. They contain laboratories for carrying out investigations bearing on the subjects relating to the sciences of medicine and surgery.

The First Hospital has five wards containing one hundred and twenty rooms, and is provided with three hundred and twenty one beds in all; the ward for medical cases containing 87 beds; that for surgical cases, 89; that for diseases of women, 44; that for diseases of the eye, 49; and that for infectious and contagious diseases, 19.

Out-patients of medical, surgical and ophthalmological cases and also of obstetrical, gynecological and paediatrical cases are treated in the First Hospital daily, Sundays and holidays excepted.

In the Second Hospital out-patients both medical and surgical are also treated daily, Sundays and holidays excepted.

There are three scales of charges to patients for residence in the Hospitals, according to the difference of rooms and accommodation, and the kind of food supplied. No charge is made to poor patients for medical attendance and necessaries. Provision is made during the current academic year for the admission at one time of one hundred and ten free patients.

Clinical lectures on Psychiatry are given in the Lunatic Asylum of the Tōkyō-Fu.

Scientific investigations into the nature of "*kakke*," an endemic disease peculiar to this country, were carried on in the late TŌKYŌ DAIGAKU and are continued in the present University, and a special ward connected with the First Hospital is open for this purpose yearly from April 1st to October 31st, during the season when the malady is most prevalent. In this ward 43 beds are provided and out-patients are also treated; and provision is made for the admission of a certain number of free patients.

VII. COLLEGE OF ENGINEERING.

I. OFFICERS.

DIRECTOR.

Professor KAUY FOUROUITSI, *Kōgakuhakushi,* Ingénieur des arts et manufactures, Licencié ès sciences.

PROFESSORS.

JOHN MILNE, F.G.S., Hon. Fellow of King's College (London), Royal School of Mines (London) ..... *Mining and Metallurgy.*

CHARLES DICKINSON WEST, M.A., C.E. (Dublin University), M.I.M.E. (London) ..... *Mechanical Engineering.*

RINZABURŌ SHIDA, *Kōgakuhakushi,* Foreign Mem. S.T.E. & E. (London) ..... *Electrical Engineering.*

TOYOKICHI TAKAMATSU, *Rigakushi, Kōgakuhakushi,* F.C.S. (London & Berlin) ..... *Applied Chemistry.*

RIUTARŌ IWAYA, *Kōgakuhakushi,* Hütten-Ingenieur, (Bergakademie zu Freiberg) ..... *Mining and Metallurgy.*

WATARU WATANABE, *Rigakushi* ..... *Mining and Metallurgy.*

SHINROKURŌ MIYOSHI, *Kōgakushi* ..... *Naval Architecture.*

†KINGO TATSUNO, *Kōgakuhakushi* ..... *Architecture.*

KAUY FOUROUITSI, *Kōgakuhakushi,* Ingénieur des arts et manufactures, Licencié ès sciences .. *Civil Engineering.*

NAOSADA TANIGUCHI, *Kōgakuhakushi,* B. Sc., C.E. (Glasgow University) ..... *Mechanical Engineering.*

† Absent.

NAOJI SHIRAISHI, *Rigakushi* ..... *Civil Engineering.*

IWATA NAKASAWA, *Rigakushi* ..... *Applied Chemistry.*

WILLIAM KINNINMOND BURTON, Memb. [by examination] Sanitary Inst. Great Britain ..... *Sanitary Engineering.*

TOMITARŌ AMANO, Capitaine d'artillerie (École d'application de l'artillerie et du génie de Fontainebleau) ..... *Technology of Arms and Explosives.*

GENKICHI WAKAYAMA, Ingénieur de la Marine (École d'application du génie maritime) ..... *Naval Architecture.*

JIRŌ MIYABARA, Marine Engineer (Royal Naval College, Greenwich) ..... *Naval Architecture.*

NORIYUKI KOJIMA, B. Archt. (Cornell University) ..... *Architecture.*

ASSISTANT-PROFESSORS.

MICHITADA KAWAKITA, *Kōgakushi*, F. C. S. (London) ..... *Applied Chemistry.*

†YEIJI NAKAJIMA, *Rigakushi* ..... *Civil Engineering.*

NAKA MATOBA, *Kōgakushi* ..... *Mining and Metallurgy.*

ARIYA INOKUTY, *Kōgakushi* ..... *Mechanical Engineering.*

IWAICHIRŌ SHIDZUKI, *Kōgakushi* ..... *Applied Chemistry.*

GITARŌ YAMAKAWA, *Kōgakushi* ..... *Electrical Engineering.*

TATSUTARŌ NAKAMURA, *Kōgakushi* ..... *Architecture.*

TSURUTARŌ MATSUO, *Kōgakushi* ..... *Naval Architecture.*

UMESABURŌ OGAWA, *Kōgakushi* ..... *Civil Engineering.*

SACHIHIKO SOYAMA ..... *Architecture.*

† Absent.

LECTURERS.

JOSIAH CONDER, F. R. I. B. A. ..... *Architecture.*

TOMOKICHI YOSHIDA, *Rigakushi* ..... *Mechanical Engineering.*

ICHISUKE FUJIOKA, *Kōgakushi*, Foreign Mem. S. T. E. and E. (London), Hon. Mem. N. E. L. A. (U. S. A.) &c..... *Electrical Engineering.*

YOSHITSUGU KURATA, *Rigakushi* ..... *Civil Engineering.*

HARUO TASHIMA, *Rigakushi*..... *Mining and Metallurgy.*

ŌSUKE ASANO, *Kōgakushi*..... *Electrical Engineering.*

FUJIRŌ SAGANE, *Hōgakushi* ..... *Industrial Economy.*

II. COURSES OF INSTRUCTION.

The following nine courses, each of which extends over three years, have been established in this College :—

1. Civil Engineering.
2. Mechanical Engineering.
3. Naval Architecture.
4. Technology of Arms.
5. Electrical Engineering.
6. Architecture.
7. Applied Chemistry.
8. Technology of Explosives.
9. Mining and Metallurgy.

1.—CIVIL ENGINEERING.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mathematics	3	3	—
Physics	2	2	—

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Applied Mechanics	1	1	1
Strength of Materials and of Structures	2	2	—
The Steam-Engine	2	2	2
Mechanism	1	1	1
Water Motors, Pumps, Cranes &c.	—	—	2
Geology	2	2	—
Surveying, Road-making and Execution of Works	3	3	3
Bridges	—	—	3
River and Sea Engineering	—	—	1
Field and Office Works	17	17	20

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Rivers, Canals and Harbours	4	4	3
Railways and Bridges	3	3	2
Sanitary Engineering	5	5	5
Building Constructions	2	2	—
Geodesy	—	2	2
Industrial Economy	2	—	—
Designs and Drawing	17	17	21

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Civil Engineering	Excursions.	—	Thesis.
Rivers, Canals and Harbours	—	4	—
Railways and Bridges	—	3	—
Sanitary Engineering	—	5	—

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Administrative Laws affecting Engineering Works	—	2	—
Designs and Drawing	—	19	—

2.—MECHANICAL ENGINEERING.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mathematics	3	3	—
Physics	2	2	—
Applied Mechanics	1	1	1
Strength of Materials and of Structures	2	2	—
The Steam-Engine	2	2	2
Mechanism	1	1	1
Water Motors, Pumps, Cranes, &c	—	—	2
Workshop Appliances	2	2	2
Civil Engineering Drawing	4	4	4
Mechanical Engineering Drawing and Practice	16	16	21

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mechanical Engineering	3	3	Excursions.
Electrical Engineering	1	1	—
Mechanical and Metallurgical Technology	—	3	—
Marine Engines	2	2	—
Industrial Economy	2	—	—
Drawing and Practice	25	24	—

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mechanical Engineering	Excursions.	Excursions.	Thesis.
Special extra Lectures	—	—	1

3.—NAVAL ARCHITECTURE.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mathematics	3	3	—
Physics	2	2	—
Applied Mechanics	1	1	1
Strength of Materials and of Structures	2	2	—
The Steam-Engine	2	2	2
Mechanism	1	1	1
Naval Architecture	3	3	4
Drawing	22	22	24

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Naval Architecture	4½	4½	4½
Marine Engines	4	4	2
Water Motors, Pumps, Cranes, &c.	—	—	2
Industrial Economy	2	—	—
Designs and Drawing	24	26	24

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Naval Architecture	Excursions.	5	Thesis.
Marine Engines	—	2	—
Designs and Drawing	—	28	—

4.—TECHNOLOGY OF ARMS.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mathematics	3	3	—
Physics	2	2	—
Applied Mechanics	1	1	1
Strength of Materials and of Structures	2	2	—
Mechanism	1	1	1
The Steam-Engine	2	2	2
Technology of Explosives	2	2	—
Theory of the Gun	—	—	2
Metallurgy	—	—	4
Drawing and Chemical Laboratory	20	20	20

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Theory of Gun Carriages	2	2	—
Theory of Projectiles	—	—	2
Ballistics	2	2	2
Fabrication of Guns	—	—	2
Theoretical Naval Architecture	1	—	—
Workshop Appliances	2	2	2
Mechanical and Metallurgical Technology	—	3	—
Pyrotechny	2	—	—
Building Constructions	2	2	—
Water Motors, Pumps, Cranes, &c.	—	—	2
Industrial Economy	2	—	—
Designs, Drawing and Chemical Laboratory	20	20	20

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Technology of Arms	Practice.	—	Thesis.
Fabrication of Gun Carriages and of Projectiles	—	2	—
Torpedoes	—	1	—
Special extra Lectures	—	2	—
Designs and Drawing	—	28	—

5.—ELECTRICAL ENGINEERING.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mathematics	3	3	—
Physics	2	2	—
Applied Mechanics	1	1	1
Strength of Materials and of Structures	2	2	—
The Steam-Engine	2	2	2
Mechanism	1	1	1
Electrical Engineering	5	5	5
Physical and Electrical Engineering Laboratory	8	8	8
Mechanical Drawing	4	4	4
Chemical Laboratory	6	6	—
Practical Surveying and Drawing	—	—	12

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Telephony	1	1	—
Application of Dynamo-Electricity	3	3	3

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Electric Lighting	2	2	2
Mechanical Engineering	2	2	—
Water Motors, Pumps, Cranes, &c.	—	—	2
Industrial Economy	2	—	—
Physical and Electrical Engineering Laboratory and Drawing	26	26	30

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Electrical Engineering	Excursions.	Excursions.	Thesis.

6.—ARCHITECTURE.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mathematics	3	3	—
Applied Mechanics	1	1	1
Strength of Materials and of Structures	2	2	—
Surveying	3	—	—
Geology	2	2	—
Perspective	2	—	—
Building Materials	2	—	—
Building Constructions	2	2	—
History of Architecture	—	3	3
Freehand Drawing	4	4	4
Drawing and Perspective Practice	16	—	—
Designs and Drawing	—	16	27

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Sanitary Engineering	2	2	2
Vaulting	2	—	—
Decoration	1	—	—
Architectural Physics	1	—	—
Sanitary Building	—	2	—
Special Designing	3	3	3
Specifications, Estimates, and Professional Practice	—	—	3
Freehand Drawing	4	4	4
Designs and Drawing	22	24	23

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Architecture	Excursions and Practical Work.		Thesis.
Building Laws and Special Lectures	2	2	—
Freehand Drawing	4	4	—
Designs and Drawing	18	18	—

7.—APPLIED CHEMISTRY.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mineralogy	2	2	—
Physics	2	2	—
The Steam-Engine	2	2	2
Mechanism	1	1	1
Water Motors, Pumps, Cranes, &c.	—	—	2
Organic Chemistry	3	3	3

Page.	Line.	
92.	23.	*Insert* "Laboratory" *before* "22".
94.	18.	*For* "Underground" *read* "Mine".
97.	10.	*Insert* "Liberalium" *after* "Artium".

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Qualitative Analysis	20	20	—
Quantitative Analysis	—	—	20
Physical Laboratory	6	6	—
Mechanical Drawing	—	—	8

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Building Constructions	2	2	—
Applied Chemistry	3	3	3
Metallurgy	4	4	4
Quantitative Analysis	22	22	—
Technical Analysis	—	—	20
Determination of Minerals	1	1	—
Blowpipe Analysis	2	2	—
Mechanical Drawing	—	—	8

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Applied Chemistry	3	3	3
Assaying	7	7	—
Applied Chemistry	22	—	—
Designs and Drawing	6	6	—
Applied Chemistry	—	Thesis.	Thesis.

8.—TECHNOLOGY OF EXPLOSIVES.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mathematics	3	3	—
Physics	2	2	—
Applied Mechanics	1	1	1

	Hrs. per Week. 1st Term.	2nd Term.	3rd Term.
Strength of Materials and of Structures	2	2	—
Mechanism	1	1	1
The Steam-Engine	2	2	2
Organic Chemistry	3	3	3
Water Motors, Pumps, Cranes, &c.	—	—	2
Drawing and Chemical Laboratory	20	20	20

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Theory of Projectiles	—	—	2
Ballistics	2	2	2
Workshop Appliances	2	2	2
Pyrotechny	2	—	—
Technology of Explosives	2	2	—
Theory of the Gun	—	—	2
Applied Chemistry	2	2	2
Building Constructions	2	2	—
Industrial Economy	2	—	—
Drawing and Chemical Laboratory	22	22	22

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Technology of Explosives	Practice.	—	Thesis.
Explosives	—	2	—
Torpedoes	—	1	—
Special extra Lectures	—	2	—
Designs and Drawing	—	28	—

9.—MINING AND METALLURGY.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mining	4	4	4
Mineralogy	2	2	—
Geology	2	2	—
The Steam-Engine	2	2	2
Mechanism	1	1	1
Building Constructions	2	2	—
Surveying	3	—	—
Determination of Minerals	1	1	1
Qualitative Analysis	12	12	12
Drawing	4	4	4

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Underground Survey	2	2	—
Metallurgy	4	4	4
Dressing	3	3	—
Water Motors, Pumps, Cranes, &c.	—	—	2
Determination of Minerals	1	1	1
Assaying	7	7	7
Blowpipe Analysis	2	2	2
Quantitative Analysis	12	12	12

Third Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Mining and Metallurgy	Excursions.	—	Thesis.
Ore Deposits	—	3	—
Mechanical and Metallurgical Technology	—	3	—

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Metallurgical Experiments	—	8	8
Mechanical Engineering Laboratory	—	3	—
Mining Designing	—	4	4
Metallurgical Designing.....	—	4	4

There is a branch of the University Library, situated in the Hall of the College, where the books belonging to the College are kept, and where are two reading-rooms devoted to the use of professors and students.

Connected with the nine departments of instruction in this College are very valuable collections of specimens, models, machines, and the like, which are made use of in the various classes.

The College is moreover provided with drawing offices, laboratories, and a workshop furnished with all necessary fittings, apparatus, machines and instruments.

The Main University Library and its branch, and the dormitories of the five Colleges are shortly to be lighted with electricity, the engines and other apparatus having been prepared for the purpose in the workshop of the College.

VIII. COLLEGE OF LITERATURE.

I. OFFICERS.

DIRECTOR.

Professor MASAKAZU TOYAMA, *Bungakuhakushi*, M.A. (Michigan University.)

ACTING CHIEF-PROFESSOR.

Professor MASAKAZU TOYAMA, *Bungakuhakushi*, M.A. (Michigan University.)

PROFESSORS.

MASAKAZU TOYAMA, *Bungakuhakushi*, M.A. (Michigan University) ..... *Sociology and Psychology.*

JAMES MAIN DIXON, M.A. (St. Andrews University), F.R.S.E. ..... *English Literature.*

CHŌREI SHIMADA, *Bungakuhakushi*, ... *Chinese Literature, Philosophy and History, and Ancient Chinese Law.*

KIYONORI KONAKAMURA, *Bungakuhakushi* ..... *Japanese Literature and History, and Ancient Japanese Law.*

CHISŌ NAITŌ, ... *Japanese History, Ancient Chinese Law, Chinese Literature, History, and Philosophy.*

TAKAMI MOZUME, ... *Japanese Literature.*

BASIL HALL CHAMBERLAIN, ... *Philology.*

NAIBU KANDA, M.A. (Amherst College) ..... *Latin.*

EMIL HAUSKNECHT, Magister Artium Liberalium, Doctor Philosophiæ (Berlin University), Inhaber des Preussischen Gymnasial - Oberlehrer - zeugnisses ersten Grades (Royal High Examining Commission, Berlin), Ancien Élève de l'École Pratique des Hautes Études de Paris ..... *German Literature and Pedagogics.*

LUDWIG BUSSE, Magister Artium Liberalium, Doctor Philosophiæ (Berlin University). ..... *Logic, Ethics, Æsthetics, Philosophy and Psychology.*

LUDWIG RIESS, Magister Artium, Doctor Philosophiæ (Berlin University) ..... *History.*

LECTURERS.

KAKUZIU YOSHIDANI ..... *Hindu Philosophy.*

MANNEN UYEDA, *Bungakushi* ..... *English.*

PIERRE XAVIER MUGABURE, M. A., Magister ex Collegis ad Exteros, Paris ..... *French.*

YASUTSUGU SHIGENO, *Bungakuhakushi* ..... *Japanese History.*

YŪJIRŌ MOTORA, Ph. D. (Johns Hopkins University) ..... *Psychophysics.*

II. COURSES OF INSTRUCTION.

The following seven courses, each of which extends over three years, have been established in this College:—

1. Philosophy.
2. Japanese Literature.
3. Chinese Literature.
4. History.

5. Comparative Philology.
6. English Literature.
7. German Literature.

1.—PHILOSOPHY.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy (3) and Logic (2)	3	5	5
History	3	3	3
English	3	3	3
German	3	3	3
Latin	3	3	3
Japanese Literature	1	1	1
Chinese Literature	3	3	3
Science (Zoology or Geology)	3	3	3

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy and Psychology	3	3	3
History	3	3	3
English	2	2	2
German	3	3	3
Latin	4	4	4
Sociology	3	3	3
Oriental Philosophy	3	3	3
Physiology	3	3	3
Psychophysics (optional)	3	3	3

Third Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Ethics	3	—	—
Æsthetics	2	2	2

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Pedagogics	2	2	2
German	3	3	3
Latin	4	4	4
Psychology with Seminary Exercises	2	2	2
Oriental Philosophy	4	4	4
Psychiatria	2	2	2
Philosophical Exercises	2	3	3
Psychophysics (optional)	3	3	3

2.—JAPANESE LITERATURE.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy (3) and Logic (2)	3	5	5
History	3	3	3
English or German	3	3	3
Japanese History	4	4	4
Ancient Japanese and Chinese Laws	4	4	4
Japanese Literature (4) and Grammar (1)	5	5	5
Chinese History	1	1	1

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy and Psychology	3	3	3
History	3	3	3
English or German	3	3	3

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Oriental Philosophy	3	3	3
Japanese History	3	3	3
Ancient Japanese and Chinese Laws	5	5	5
Japanese Literature	4	4	4
Chinese History	1	1	1

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Ethics	3	—	—
Æsthetics	2	2	2
Pedagogics	2	2	2
English or German	3	3	3
Oriental Philosophy	4	4	4
Sociology	3	3	3
Japanese History	2	2	2
Ancient Japanese and Chinese Laws	3	3	3
Japanese Literature	3	3	3
Chinese History	1	1	1

3.—CHINESE LITERATURE.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy (3) and Logic (2)	3	5	5
History	3	3	3
English or German	3	3	3
Ancient Japanese and Chinese Laws	4	4	4

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Japanese Literature	1	1	1
Chinese History	2	2	2
Chinese Classics	3	3	3
Chinese Literature	4	4	4

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy and Psychology	3	3	3
History	3	3	3
English or German	3	3	3
Oriental Philosophy	3	3	3
Ancient Japanese and Chinese Laws	4	4	4
Japanese History	1	1	1
Japanese Literature	1	1	1
Chinese History	3	3	3
Chinese Classics	3	3	3
Chinese Literature	2	2	2

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Ethics	3	—	—
Æsthetics	2	2	2
Pedagogics	2	2	2
Oriental Philosophy	4	4	4
Sociology	3	3	3
Japanese History	1	1	1
Ancient Japanese and Chinese Laws	2	2	2
Chinese History	3	3	3

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Chinese Classics	3	3	3
Chinese Literature	2	2	2

4.—HISTORY.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy (3) and Logic (2)	3	5	5
English	3	3	3
German	3	3	3
Latin	3	3	3
Physical Geography	2	2	2
History and Geography	7	7	7
Japanese History	1	1	1

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy and Psychology	3	3	3
German	3	3	3
Latin	4	4	4
Oriental Philosophy	2	2	2
Sociology	3	3	3
History and Geography	8	8	8
Japanese History	1	1	1

Third Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Ethics	3	—	—
Æsthetics	2	2	2

	Hrs. per week 1st Term.	2nd Term.	3rd Term.
German	3	3	3
Latin	4	4	4
Pedagogics	2	2	2
History and Geography	9	9	9
Japanese History	1	1	1

5.—COMPARATIVE PHILOLOGY.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy (3) and Logic (2)	3	5	5
History	3	3	3
English	3	3	3
German	3	3	3
Latin	3	3	3
Japanese Literature (4) and Grammar (1)	5	5	5
Chinese Literature	4	4	4

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy and Psychology	3	3	3
History	3	3	3
English	3	3	3
German	3	3	3
Latin	4	4	4
French	2	2	2
Japanese Literature	4	4	4

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Chinese Literature	2	2	2
Comparative Philology	1	1	1
*Corean	2	2	2
*Sanskrit	2	2	2

* Either of these to be selected.

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
English	3	3	3
German	3	3	3
Latin	4	4	4
Pedagogics	2	2	2
Japanese Literature	4	4	4
Chinese Literature	3	3	3
Comparative Philology	1	1	1
Chinese (Colloquial)	3	3	3
*French	2	2	2
*Corean	2	2	2
*Sanskrit	2	2	2

* Any one of these to be selected.

6.—ENGLISH LITERATURE.

FIRST YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy (3) and Logic (2)	3	5	5
History	3	3	3
German	3	3	3
Latin	3	3	3
French	3	3	3
English	7	7	7

Second Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy and Psychology	3	3	3
History	3	3	3
German	3	3	3
Latin	4	4	4
Oriental Philosophy	2	2	2
Phonetics, Versification, History of the Development of the Romance and Teutonic Languages	2	2	2
English	7	7	7

Third Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Ethics	3	—	—
Æsthetics	2	2	2
German	3	3	3
Latin	4	4	4
Pedagogics	2	2	2
English	9	9	9

7.—GERMAN LITERATURE.

First Year.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy (3) and Logic (2)	3	5	5
History	3	3	3
English	3	3	3

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Latin	3	3	3
French	3	3	3
German	7	7	7

SECOND YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
History of Philosophy and Psychology	3	3	3
History	3	3	3
English	3	3	3
Latin	4	4	4
Oriental Philosophy	2	2	2
Phonetics, Versification, History of the Development of the Romance and Teutonic languages	2	2	2
German	7	7	7

THIRD YEAR.

	Hrs. per week. 1st Term.	2nd Term.	3rd Term.
Ethics	3	—	—
Æsthetics	2	2	2
English	3	3	3
Latin	4	4	4
Pedagogics	2	2	2
German	9	9	9

In addition to the regular courses of the College, the following elective courses have been established for students of this College as well as of the other four Colleges. Those who desire to pursue these elective

courses are required to obtain permission from the Director of the Literature College.

1. Lectures on History (Japanese)...2 hrs. per week.
2. Italian .....2 hrs. per week.

Some of the Professors have expressed their willingness to deliver special courses of lectures besides those provided for in the curriculum, should their time admit of their conforming to a request on the part of the students to that effect.

IX. COLLEGE OF SCIENCE.

I. OFFICERS.

DIRECTOR.

Professor DAIROKU KIKUCHI, *Rigakuhakushi*, M. A. Cantab.

CHIEF-PROFESSOR.

Professor RYŌKICHI YATABE, *Rigakuhakushi*, B. Sc. (Cornell University).

PROFESSORS.

EDWARD DIVERS, M. D. (Dublin University), F.R.S., F.I.C., F.C.S. (London and Berlin) ..... *Chemistry.*

RYŌKICHI YATABE, *Rigakuhakushi*, B. Sc. (Cornell University). *Botany.*

DAIROKU KIKUCHI, *Rigakuhakushi*, M. A. Cantab... *Mathematics.*

KENJIRŌ YAMAGAWA, *Rigakuhakushi*, Ph. B. (Yale College).... *Physics.*

JŌJI SAKURAI, *Rigakuhakushi*, F. C. S. (London)... *Chemistry.*

KAKICHI MITSUKURI, *Rigakuhakushi*, Ph. D. (Johns Hopkins University)..... *Zoology.*

CARGILL G. KNOTT, D. Sc. (Edinburgh University), F. R. S. E..... *Physics.*

HISASHI TERAO, *Rigakuhakushi*, Licencié ès sciences mathématiques, (Faculté des sciences de Paris)... *Astronomy.*

BUNJIRŌ KOTŌ, *Rigakuhakushi*, Ph. D. (Leipsic University). *Geology.*

TSUNASHIRŌ WADA ..... *Mineralogy.*
TOYOKICHI HARADA, Ph. D. (Munich University)..... *Paleontology.*
ISAO IJIMA, *Rigakushi*, Ph. D. (Leipsic University).. *Zoology.*
SEIKEI SEKIYA, ... *Seismology.*
DIRO KITAO, Ph. D., M. A. L. (Göttingen University)..... *Dynamics.*
RIKITARŌ FUJISAWA, *Rigakushi*, Ph. D. (Strasburg University) ..... *Mathematics.*

ASSISTANT-PROFESSORS.

KANICHIRŌ MIWA, *Rigakushi* ..... *Mathematics.*
HIKOROKURŌ YŌSHIDA, *Rigakushi*, F. C. S., M. S. C. I., (London) ..... *Chemistry.*
YASUSHI KIKUCHI, *Rigakushi*..... *Geology.*
SABURŌ ŌKUBO ..... *Botany.*
TAMEMASA HAGA, *Kōgakushi*, F. C. S., M. S. C. I. (London) ... *Chemistry.*
ZINZŌ MATSUMURA ..... *Botany.*

ASSISTANTS.

†CHIYOMATSU ISHIKAWA, *Rigakushi* ..... *Zoology.*
SHŌGORŌ TSUBOI, *Rigakushi*..... *Anthropology.*
HANTARŌ NAGAOKA, *Rigakushi* ..... *Physics.*

† Absent.

II. COURSES OF INSTRUCTION.

The following seven courses, each of which extends over three years, have been established in this College :—

1. Mathematics.
2. Astronomy.
3. Physics.

4. Chemistry.
5. Zoology.
6. Botany.
7. Geology.

1.—MATHEMATICS.

First Year.

	Hrs. per week.
Calculus	5
Analytical Geometry	3
Elementary Dynamics	3—4
Spherical Astronomy	2
Mathematical Exercises	Two afternoons.
Physical Laboratory	Two afternoons.
German	3

Second Year.

	Hrs. per week.
Higher Analysis	3
Higher Algebra	2
Least Squares	{1 1st Term. 2 2nd Term.}
Dynamics	2
Higher Physics	5
Select Chapters in Higher Mathematics (elective)	1—2
Mathematical Exercises	Two afternoons.
Physical Laboratory	Two afternoons.
German	3

Third Year.

	Hrs. per week.
Introduction to Theory of Functions	5
Dynamics	3

	Hrs. per week.
Higher Physics	6
Mathematical Exercises	Two afternoons.
Select Chapters in Higher Mathematics (elective)	1—2
Theoretical Astronomy (elective)	3
Dynamics (elective)	3

2.—ASTRONOMY.

First Year.

	Hrs. per week.
Calculus	5
Analytical Geometry	3
Elementary Dynamics	3—4
Spherical Astronomy	3
Practical Astronomy	
Mathematical Exercises	Two afternoons.
German	3

Second Year.

	Hrs. per week.
Higher Analysis	3
Least Squares	1 1st Term. 2 2nd Term.
Dynamics	2
Higher Physics	5 Half a Year. 3 Half a Year.
Astronomy	2 1st and 2nd Terms. 4 3rd Term.
Practice	
Mathematical Exercises	One afternoon.
Physical Laboratory	Three afternoons.
German	3

THIRD YEAR.

	Hrs. per week.
Dynamics	3
Theoretical Astronomy	3
Mathematical Exercises	Two afternoons.
Practice	
Dynamics (elective)	3
Outline of Theory of Functions (elective).	3

3.—PHYSICS.

FIRST YEAR.

	Hrs. per week.
Calculus	5
Analytical Geometry	3 (1st Term.)
Elementary Dynamics	3—4
Spherical Astronomy	2
Chemical Laboratory	Three afternoons. (1st & 2nd Terms.)
Physical Laboratory	Three afternoons. (3rd Term.)
Mathematical Exercises	Two afternoons.
German	3

SECOND YEAR.

	Hrs. per week.
Higher Analysis	3
Least Squares	1 1st Term. 2 2nd Term.
Dynamics	3
Higher Physics	5
Mathematical Exercises	One afternoon.
Physical Laboratory	
German	3

THIRD YEAR.

	Hrs. per week.
Dynamics	3
Higher Physics	6
Mathematical Exercises	Two afternoons.
Practical Astronomy	4
Physical Laboratory	
Dynamics (elective)	3

4.—CHEMISTRY.

FIRST YEAR.

	Hrs. per week.
Calculus	3
Elementary Dynamics	3—4
Higher Physics	3 (Half of 2nd Term and whole of 3rd Term.)
Inorganic Chemistry	3
Physiological Chemistry	3 (1st Term.)
Chemical Laboratory	
German	3

SECOND YEAR.

	Hrs. per week.
Higher Physics	5 (1st and 2nd Terms.)
Physical Laboratory	Three afternoons.
Inorganic Chemistry	3
Organic Chemistry	4
Chemical Laboratory	
German	3

THIRD YEAR.

	Hrs. per week.	
History of Chemical Theory	2	(1st Term.)
Theoretical and Physical Chemistry	2	(2nd and 3rd Terms.)
Chemical Optics; Laboratory	One afternoon.	(2nd Term.)
Chemical Laboratory		

5.—ZOOLOGY.

6.—BOTANY.

The students follow the same course during the first and second years.

FIRST YEAR.

	Hrs. per week.	
General Zoology	3	
Zoological Laboratory	8	
Histological and Morphological Botany	2	
Botanical Laboratory	8	
Geology	2	
Physiological Chemistry with Laboratory work	3	(1st Term.)
Determination of Rocks and Minerals	2	(2nd and 3rd Terms.)
German	3	

SECOND YEAR.

	Hrs. per week.
Special Subjects (elective)	2
Systematical and Economical Botany	4

	Hrs. per week.
Botanical Laboratory	10
Comparative Anatomy of Vertebrate Animals	{2 1st and 3rd Terms. 3 2nd Term.}
Histology and Embryology; Lectures and Laboratory	10
Physiology	3
Paleontology	2
German	3
Marine Laboratory	

THIRD YEAR.

ZOOLOGY.

	Hrs. per week.
Special Subjects (elective).	2
Zoological Laboratory	
Parasitology (elective).	2 (1st Term.)
Bacteriology	6 (3rd Term.)

BOTANY.

	Hrs. per week.
Physiological Botany	3
Botanical Laboratory	20
Bacteriology	6 (3rd Term.)

7.—GEOLOGY.

FIRST YEAR.

	Hrs. per week.
Geology	2
Geological Colloquium	1

	Hrs. per week.
Mineralogy	2
Botany	2
General Zoology	3
Botanical Laboratory	2
Chemical Laboratory	6
Geological Laboratory	20
German	3
Geological Excursions	

SECOND YEAR.

	Hrs. per week.
Lithology	2
Geological Colloquium	1
Paleontology	2
Paleontological Laboratory	3
Crystallography	2
Zoological Laboratory	4
Chemical Laboratory	6
Geological Laboratory	20
German	3
Geological Excursions	

THIRD YEAR.

	Hrs. per week.
Geological Colloquium	2
Geological Laboratory	20

Valuable collections of specimens, models, instruments, etc. are attached to the laboratories and placed under the charge of the several professors.

The following institutes are attached to the Science College :—

(*a*) Astronomical Observatory.
(*b*) Seismological Observatory.
(*c*) Botanic Garden.
(*d*) Marine Biological Station.

(*a*) Tōkyō Astronomical Observatory is the result of the union of the Astronomical Observatory of the Science College with the astronomical sections of the Observatories belonging to the Home and Navy Departments. It is situated in the spot formerly occupied by the last mentioned of these at Azabu, a southern suburb of Tōkyō; the longitude and latitude at present in use being,

longitude	+	139°	44′	30″.
latitude		35°	39′	17″.5.

The observatory is under the direction of the Professor of Astronomy of the Science College. The principal work carried on at the Observatory consists of astronomical observations, the construction of the Ephemeries and the distribution of the standard mean time to all the telegraph stations of the Empire. It also gives the time to the party in charge of the signal gun fired every noon from the Castle ground of Tōkyō. It will also assist, when required, in observations neccessary for the surveys of the Hydrographical Bureau. It is also fitted up for the instruction and practice of the graduate and undergraduate students of the Science College.

The principal instruments are as follows :—

(i) Transit instrument (by Repsold), aperture 13.5 c. m.; focal length 217 c. m.

(ii) Transit Circle (by Repsold and Merz), aperture 14.3 c. m.; focal length 149 c. m.: rad. of the Circle 56.4 c. m.

(iii) Equatorial (by Shroughton and Smith), aperture 20 c. m.; focal length 270 c. m.

(vi) Equatorial (by Merz), aperture 16.2 c. m.; focal length 245 c. m.

(*b*) The Seismological Observatory was founded in 1880 for the study of earthquake phenomena, under the superintendence of Prof. J. A. Ewing, then occupying the chair of Engineering in Tōkyō University. Here have been designed Horizontal Pendulum and Vertical-Motion Seismographs now well known in the scientific world. By means of these instruments numerous absolute measurements of earthquake motions have been obtained. The general results of these observations, embodying much that is new and valuable, are published from time to time both in English and Japanese.

By aid of the complete set of seismographs now in the Observatory, it is possible to measure earth-movements of different grades of magnitude, ranging from microscopical tremors almost to destructive earthquakes. The instruments have been placed in various stations, differing in their geological aud topographical conditions, with the object of studying the seismic effects on buildings in these localities. Numerous and varied instruments designed at the Observatory are now in use both at home and abroad. The Observatory is open for consultation on all subjects connected with Seismology.

Lectures on Seismology are given by the professor of Seismology to the students of Geology and other branches of science.

The Observatory is very much indebted to Prof. John Milne, professor of Mining and Geology in the Engineering College, for valuable assistance received.

(*c*) The Botanic Garden is situated in Koishikawa, about a mile from the University. Plants are daily brought from it to the University for inspection by the students. The students of Botany and of Entomology spend a portion of their time in the Garden, which contains over three thousand species of plants both native and foreign. In the largest division of the Garden, plants are distributed according to Bentham and Hooker's system of classification as given in their "*Genera Plantarum.*" In another division there is a collection of medicinal plants; in still another division are found those plants which grow only in shady places, not to mention a collection of rare plants in pots. A green-house, built in the European style, contains many interesting tropical plants. There are also plant-houses in various Japanese styles, such as the *Okamuro*, *Tōmuro*, *Ōsakamuro*, and *Anamuro*. A building in the central part of the Garden contains the laboratory, lecture-room, and office. Attached to the Botanic Garden is a very fine pleasure garden with a building well suited for the social gatherings of scientific and other societies.

The herbarium belonging to the Botanic Garden is of considerable size, though not so complete as that belonging to the Botanic Institute of the Science College. The latter contains about four thousand species of Japanese plants. Both the Botanic Garden and the Botanic Institute are always ready to exchange duplicates of specimens with foreign botanists or with similar foreign institutions. The Botanic Garden is also ready to exchange seeds.

(*d*) The Marine Biological Station.

A piece of ground in Misaki, a town on the north side of the entrance to the Bay of Tōkyō, was some time ago ceded to the University by the Imperial Government. On it a small and convenient laboratory has recently been erected, where students of Biology have to pass at least one term before graduation.

Misaki has long been a favourite collecting ground of naturalists, and is noted as the home of *Hyalonema*, *Pentacrinus*, and other rare forms of marine life. It is hoped that such a laboratory situated in this favourable locality, will materially add to our knowledge of the marine life of the Japanese coasts. [For further description of the station see the Journal of the Science College, Vol. I. p. 381.]

X. UNIVERSITY HALL.

1.—GENERAL REGULATIONS.

1.—Applicants for admission to the University Hall are required to present to the President of the University a written application, setting forth the subject of investigation to be pursued; and they will not be admitted unless they have shown their proficiency in previous studies, and can produce satisfactory testimonials of good moral character.

If such applicants be not graduates of one of the Colleges, the degree of their proficiency in previous studies will be determined by a special examination.

2.—The President shall, on consulting with the Director of the College to which the subject of investigation chosen by any student properly belongs, appoint a professor or professors to superintend the student's studies; and all scientific investigations carried on by the student must be made under this professorial supervision.

3.—A student at the University Hall must pursue, during the two years immediately following his admission, some one of the post-graduate courses established by the College which is in the line of his previous studies, and to which the subject specially chosen by him belongs.

4.—A student of the University Hall shall be at liberty to offer himself for the University degree in his branch of study after a period of five years has elapsed from his admission into the Hall. In such cases the President shall appoint a special Examining Committee to test the efficiency of the candidate.

5.—A student who by reason of misconduct, idleness,

or chronic sickness, is considered by the President unfit to continue such, will be dismissed from the University Hall.

6.—Students of the University Hall are exempted from the payment of tuition fees, but while they are pursuing their post-graduate course in one of the Colleges, the fees prescribed in the regulations for that course must be paid by them.

2.—ADMISSION.

1.—A graduate of one of the Colleges who desires to be admitted to the University Hall, is required to present to the President through the Director of his College a written application in accordance with the prescribed form, at any date subsequent to his graduation.

2.—An applicant for admission not a graduate of one of the Colleges, is required to present to the President a written application in accordance with the prescribed form, together with a written statement of his previous studies, and also with a certificate as mentioned in the following article, if he have any such, on or before March 31st in each year.

3.—An applicant not a graduate of one of the Colleges is required to undergo an entrance examination as prescribed in the regulations of the University Hall, and unless he be a graduate of a High Middle School or of some other institution recognized by the Minister of State for Education as having the same standing and as giving an equivalent course of instruction, he must also pass the examination for preliminary education required of entrants at the Colleges.

4.—Applicants such as are mentioned in Article 2, are required to pay an examination fee of thirty yen to the University, with the understanding that the fee shall be returned, should the applicant withdraw his name before the date fixed for the examinations.

5.—All students admitted to the University Hall are required to take the prescribed oath and to sign their names in the University Hall register.

XI. LIBRARY.

The University Library is located for the present on the first floor of the new building erected for the accommodation of the Colleges of Law and Literature, as the proper library edifice has not yet been built.

The Library contains about one hundred and eighty thousand volumes. By purchase, donations, and exchanges chiefly from abroad, a large addition is annually made to the Library.

REGULATIONS OF THE LIBRARY.

1.—The University Library was established for the safe keeping of all books belonging to the University Hall and the five Colleges.

2.—No person is admitted into the Library to look for books or to take them out or remove them from the shelves, except he be an officer of the Library.

3.—Books for class use in the institutes of the Colleges and for official use in the University offices can be borrowed by a secretary in the case of the University, or by the Director of each College, or by the professor or instructor in charge of each institute in the case of the Colleges.

4.—The secretary, professor, or instructor is held responsible for the books lent from the Library in accordance with the foregoing article, but the officers of the Library will examine them from time to time in order to see after their condition.

5.—A professor or assistant-professor is entitled to have in his possession as books of reference not more than thirty volumes at one time, and any other member

of the teaching staff is entitled to have not more than ten volumes at one time.

6.—The staff of the University other than those mentioned in Article 5 may borrow books to the number of not more than five volumes at one time, subject to the approval of the President.

7.—The number of volumes being estimated after books bound in European style, three volumes bound in Japanese style and one sheet of maps, pictures and the like in the form of a chart, or one case of the same in the form of a case, are counted as equal to one volume in European style; and in the case of periodicals or pamphlets published in parts and to be bound in one volume after the issue of a certain number, the number of such publications which makes up one complete volume is counted as one volume.

8.—Any person who, on account of urgent necessity, asks permission to take out books from the Library, may be allowed so to do by special permission of the President, to be given only when such request is considered reasonable.

9.—Library books when they are not otherwise in use may be lent on request to Government offices.

10.—Any person who desires to take out books from the Library must first deliver a slip duly signed, containing the title and shelf mark and number of the book desired, and the date of borrowing the same.

Printed slips to be used for the purpose are provided in the Library.

11.—Students who are unable to supply themselves with text books, may borrow them from the Library, upon

presenting the certificate of the professor or instructor for whose class the book is required.

12.—Books borrowed from the Library must in no case be lent to any other person by the borrower, and no person is allowed to borrow more than one copy of the same book, except for class use in the institutes or for official use in the University offices.

13.—All books borrowed from the Library must be returned during the first ten days of July in each year, or whenever the Librarian demands their return.

14.—During the summer vacation, a student may borrow text-books to the number of not more than five volumes, upon presenting the necessary certificates from the professor or instructor in charge of his instruction, and all the books thus borrowed must be returned before the 5th of September.

15.—When a professor or other member of the University staff retires from his position, or when a student leaves the University, he must immediately return the books which may be in his possession. A new graduate is also required to return any books he may have borrowed from the Library, before he receives the certificate for graduation.

16.—The reading rooms are open daily, except on Sundays, between the hours of 6 a.m. and 9 p.m., but for the period from November 1st to April 30th the hour of opening is 30 minutes later. On Sundays the rooms are open at 6 p.m. and closed at 9 p.m.

17.—During the winter vacation, the reading rooms are open from the 25th to the 28th of December and from the 4th to the 7th of January, between the hours of 7.30 a.m. and 9 p.m., excepting Sundays; and during the

summer vacation they are open from the 11th to the 30th of July and from the 22nd of August to the 10th of September, between the hours of 8 a.m. and 12 noon, Sundays excepted.

18.—Every applicant for books for immediate perusal in the reading rooms must present to the officer in charge a slip duly signed, containing the title, shelf mark and number of any book or books he may require, and the date of borrowing, in exchange for which slip the book or books shall be delivered to the applicant. All such books, when done with, must be promptly returned.

19.—A ticket for admission to the reading rooms may be given to any one of the following persons ; other special permission being required for admission into the Library or the rooms in which books are placed :—

1. Former professors and other members of the University staff who have been in service for more than two years.
2. Graduates of the University Hall and the Colleges.
3. Persons who desire to use books in the reading rooms on official business, and for whom special permission so to do from the University has been asked by the Government offices to which they belong.
4. Eminent learned persons in special cases.

20.—Professors and instructors are admitted into the Library to look for books, and any officer of the University has the same privilege when official business requires.

21.—The following students, when provided with

admission tickets, are admitted into the Library to look for books :—

1. Students of the University Hall.
2. Students of the highest classes of the Colleges, who have certificates from their respective professors entitling them to this privilege.
3. Students of the Law Section of the College of Law (only into the Law Library).

When a student desires admittance into the Library for this purpose, he is required to give to the officer in charge of the reading rooms a ticket with which he has been previously provided, which ticket will be returned to him by the same officer when coming out ; and when he has found the book or books desired, he must immediately come out of the Library and consult the book or books in conformity with Article 18.

22.—Those who are admitted into the Library are required, while there, to refrain from disarranging the books or from offering any impediment to the officer in charge of the reading rooms.

23.—Books delivered to any person for immediate perusal must not be taken out of the reading rooms, unless the proper steps have been taken for borrowing them.

24.—Books for use in the reading rooms are divided into the following four classes :—

1. Valuable books.
2. Books of reference for the common use of all the established courses.
3. Books specially placed in the reading rooms, at the request of a professor or instructor, for the use of his class.

4. Books not belonging to any of the above classes.

25.—No one is allowed, unless by special permission of the President, to use the books belonging to the first class, except those to whose subject of study the books relate. In case the books are taken out of the Library by special permission for class use, they must be returned on the same day on which they are borrowed.

26.—No book belonging to the second class shall be taken out except by special permission of the President.

27.—No book belonging to the third class shall be taken out except by the professor or instructor to whose subject of study the book relates, unless by special permission of the President.

28.—Books belonging to the fourth class may be taken out for not more than four weeks.

29.—Except when required for class or official use, no periodical shall be taken out of the reading rooms, unless sixty days have elapsed since it was received at the Library.

30.—Nothing shall be brought into the reading rooms except books, paper, pen or ink.

31.—Loud talking, reading aloud, discussion, smoking and anything of a nature to disturb readers, are forbidden in the reading rooms.

32.—If any book in the hands of a borrower be lost, he must replace it with another of the same edition and of equal value.

33.—If any book in the hands of a borrower be damaged, he shall make good the damage or shall replace the book with another of the same edition and of equal value, as the case may be.

34.—If any book borrowed for class or official use be lost or damaged, the borrower shall report to the Librarian the facts in detail. He may be required to replace it with another of the same edition and of equal value, or to make good the damage according to circumstances.

35.—A person who violates any of the foregoing regulations, is deprived of the privilege of admittance into the reading rooms, or of the privilege of borrowing any book whatever (all books in his hands being called in), or is deprived of both privileges, for a period of not less than a week and not more than a year, according to the nature of the case.

The case of a professor or other member of the University staff who violates the rules is dealt with by the President.

36.—When any person neglects to return at the required time any book borrowed, and does not return it after having been notified by the Librarian, his case is dealt with by the proper authorities.

APPENDIX TO THE REGULATIONS.

All the regulations of the Library above mentioned are applicable to elective students of the Colleges, excepting Articles 11, 14 and 21.

FEES FOR TICKETS OF ADMISSION TO THE READING ROOMS.

1.—Any person receiving a ticket of admission to the reading rooms in accordance with Article 19 of the Library Regulations, shall pay a fee of one yen for each term, or any part of a current term of the academic year.

It is understood that the first term shall include the days taken up by the winter vacation, the second term, the spring vacation, and the third term, the summer vacation.

2.—The above fee is to be paid at the time when the ticket for admission is received.

3.—Tickets for admission are not available for more than one term, and holders desiring a continuance of the privilege, are required to renew the ticket at the end of each term.

XII. LIST OF STUDENTS.

I. UNIVERSITY HALL.

KŌTARŌ SAIDA, *Rigakushi* ..... *Botany* (*Fresh-water Algae*).

ISSHI SABURI, *Kōgakushi*.....
Hydraulic Engineering (*River Improvement*).

UMESABURŌ OGAWA, *Kōgakushi*.....
Civil Engineering (*Iron Bridges*).

TAITŌ TANAKA, *Kōgakushi* .....
Naval Architecture (*Properties of Steel, etc.*).

KEIJIRŌ OKANO, *Hōgakushi*.....
Philosophy of Law (*Contract*).

SEIGO NAKANO, *Hōgakushi* ..... *Civil Law.*

FUJIRŌ SAGANE, *Hōgakushi* ..... *Finance.*

SHŌGORŌ TSUBOI, *Rigakushi* ..... *Anthropology.*

KIKUWAKA SAKAKIBARA, *Hōgakushi* ..... *Civil Law.*

TOMONAO OYAMA, *Kōgakushi* .....
Civil Engineering (*Prevention of Incrustation and Drainage*).

TOKKAN MIWA, *Igakushi* .....
Medical Jurisprudence (*Measurement of height of Japanese*).

MANAO HORI, *Igakushi*..... *Ophthalmology* (*Trachoma*).

SENKICHIRŌ HAYAKAWA, *Hōgakushi* ..... *Agricultural Economy.*

RYŌHEI OKADA, *Bungakushi*..... *Pedagogics.*

HANTARŌ NAGAOKA, *Rigakushi*.....
Physics (*Magnetic Induction*).

YEIJIRŌ HAGA, *Igakushi* .....
Surgery in general and Surgical Operations.

TSUNETARŌ SHIONOYA, *Hōgakushi* .....*Jurisprudence.*

JŪSHIRŌ KIUCHI, *Hōgakushi*....*Politics* (*Local Self-government*).

KURANOSUKE MATSUZAKI, *Hōgakushi*.....*Finance.*

MANNEN UYEDA, *Bungakushi* .....*Philology.*
(*Nature of the Japanese Language and Method of Teaching the Same*).

SHIN HIRAYAMA, *Rigakushi*...*Astronomy* (*Rotation of the Sun*).

SHUNKICHI KIMURA, *Rigakushi*....*Physics* (*Thermo-electricity*).

JIKEI HŌJŌ, *Rigakushi*....*Mathematics* (*Differential equations*).

II. COLLEGE OF LAW.

POST-GRADUATE COURSE.

SENKICHIRŌ HAYAKAWA, *Hōgakushi.*
TSUNETARŌ SHIONOYA, *Hōgakushi.*
JŪSHIRŌ KIUCHI, *Hōgakushi.*
KURANOSUKE MATSUZAKI, *Hōgakushi.*

LAW SECTION.

LAW (FIRST DIVISION).

THIRD YEAR.

*Katsutarō Inuzuka.	Shigetaka Saitō.
Tomotetsu Asakura.	*Seiichi Kishi.

---

* Honour Students.

Ujito Hiraishi.
Keishirō Matsui.
Hayakichi Satō.
Kōjirō Isogaya.
Chiyosaburō Watanabe.
Kenzō Ishiwara.
Ichitarō Shimizu.
Kogorō Terashima.
Reijirō Katō.
Sakichi Yoshida.
Bujō Masuda.
Riuzō Tanaka.
Chiyosaburō Takeda.
Sadatsuchi Uchida.
Saburō Kōya.
Manjirō Matsuoka.
Kinichi Fukuda.
Yayehachi Aoki.
Kiyohiko Nakamura.
Tōzō Kanzaki.
Torajirō Yoshizaki.
Sentarō Hirayama.

SECOND YEAR.

*Kametarō Hara.
*Kamon Shibata.
Atsushi Oyama.
Ichisuke Nakagawa.
Hirokichi Nakaya.
Tatsunosuke Ishikawa.
Kumaji Takenouchi.
Shinichirō Yamada.
Gennosuke Okazaki.
Koriki Fujita.
Chōsaku Miyake.
Kitarō Nakai.
Umazō Hotta.
Yonetarō Ōkuma.
Michizō Ushioda.
Tetsusaburō Kanō.
Eikichi Tsunematsu.
Kinjirō Hayashi.
*Kikujirō Ōwaku.
Sadasuke Akiyama.
Masanosuke Akiyama.
Hikokichi Ijūin.
Kannosuke Kimura.
Kōtarō Shimada.
Kinkichi Nakada.
Nobuo Tomishima.
Kōkichi Kitsuki.
Tamaki Nagai.
Fujitarō Ōtori.
Shunkichi Urushibata.
Kichirō Hirose.
Toshinori Yoneda.
Toranosuke Ōkita.
Masajirō Hayashi.
Kōtarō Serizawa.
Sutekichi Hoshina.

Shinzaburō Sōda.
Kinji Iriye.
Kenichi Yamada.
Hikosuke Matsushima.

FIRST YEAR.

Seitarō Kubota.
Kakichi Uchida.
Kichinosuke Shimizu.
Yūya Aibara.
Ujimoto Ishida.
Genkichi Kuradani.
Masatomi Hirano.
Kume Tomizuka.
Toyoji Noda.
Genichirō Kugo.
Hikosaburō Shinba.
Takeji Takigiki.
Kumao Maruyama.
Tetsuzō Yamazaki
Gosaku Miyamoto.
Yonesaburō Ichikawa.
Shōtarō Yamanaka.
Yasaburō Kawamura.
Morio Nakamatsu.
Motoe Narita.
Tamezō Hisamoto.
Masakazu Hisada.
Sadaaki Umemura.
Jōnosuke Hattori.
Kizō Ogawa.
Masujirō Tsuchiyama.
Shinichi Iizuka.
Masahiro Okudaira.
Heikichi Takenouchi.
Kumao Takizawa
Seiji Inomata.
Kuratarō Kuroiwa.
Kishichirō Oka.
Nakaji Furuya.

LAW (SECOND DIVISION.)

THIRD YEAR.

Samurō Yoshiwara.
Kiōtarō Kamiyama.
Kesaroku Matsumoto.
Hiromichi Nishikubo.
Yasugorō Yoshida.

SECOND YEAR.

Michisaburō Miyashita.
Kejirō Matsumoto.
Keikichi Motohashi.
Kiusaburō Yasuda.
Sukenari Itō.
Naoichirō Takezoe.
Sanjirō Hayashi.
Kensuke Hayashi.
Suketoki Ōta.
Giokujo Kitō.
Haruki Satō.
Yūichirō Takahashi.
Katsuji Yanagawa.
Genji Kuroha.
Tokuji Fujimura.
Sakaye Sugiyama.
Kameshirō Chiba.

FIRST YEAR.

Kikunosuke Nakamura.
Hideshirō Mita.
Kisaburō Suzuki.
Shinzaburō Nakamura.
Shōkichi Matsuoka.
Kiōhei Kakehi.
Kanichi Kimura.
Asatarō Okada.
Michinori Hamada.
Takeyoshi Matsunaga.
Shigesaburō Ide.
Kōtarō Uchida.
Hikotarō Ōta.
Matsugorō Mizutori.

LAW (THIRD DIVISION).

SECOND YEAR.

*Kankichi Yugawa.
Kinichi Iino.
Riuji Ōtsuki.
Hikoichi Ōgane.
Hiōkichi Masuda.
Mokichi Morita.
Sarukichi Yasumura.
Rinpei Ōtsu.
Hiakusuke Isobe.
Kinosuke Amano.
Washitarō Nagashima.
Kinzaburō Hashizume.
Kashizō Hattori.
Hatsuichirō Oko.
Riōtarō Hata.
Tomokichi Ishibashi.

Keitarō Ishikawa.
Shigeru Iwamura.
Kōzaburō Machida.

FIRST YEAR.

Jūichirō Saitō.
Tatsutarō Tsuchiya.
Masazō Nihei.
Kanechiyo Nishiyama.
Keisaku Kobori.
Takuji Ishikawa.
Jūjirō Murai.
Sansaku Satomi.
Sōichi Sakaguchi.
Riōsuke Hasebe.
Misao Kumakura.
Jun Ozaki.

POLITICS SECTION.

POLITICS.

THIRD YEAR.

*Gentarō Shimura.
Nagabumi Ariga.
Kakujirō Yamazaki.
Hajime Ota.
Tetsujirō Shidachi.
Naonosuke Kawakami.
Kiyotarō Tsuda.
Sentarō Kaneko.
Tetsutarō Aoki.
Yoshisaburō Susaki.
Kine Tomohira.

SECOND YEAR.

Kazumasa Tsukuda.
Tomegorō Taniguchi.
Takejirō Tokonami.
Tatsukurō Inouye.
Kōichirō Horiye.
Tetsutarō Sakurai.
Usaburō Yanagiya.
*Eizō Ishizuka.
Tomoye Yoshii.
Keizaburō Hashimoto.
Kusuyata Kimura.
Shōhachirō Hirasawa.
Yasaburō Nomura.
Yasubumi Sawaki.

Takasuke Rinoiye.
Shōtarō Nishizawa.
Sukeyasu Soga.
Otoya Tomono.
Toshitarō Matsui.
Ginnosuke Yamazaki.
Munesada Kurata.
Kurajirō Suzuoki.
Isami Kubo.
Ichiji Yamanouchi.
Kōtarō Yendō.
Takeshi Shirani.
Junnosuke Takatsuki.
Mankichi Suwa.
Kumao Ōtsuka.
Seiriō Takizawa.

FIRST YEAR.

Kanetarō Yamamoto.
Yōsuke Yagiu.
Kurō Sada.
Sanzō Masuda.
Hisajirō Sewaki.
Tokutarō Ozaki.
Eizō Matsubara.
Shinzaburō Akashi.
Usaburō Muraki.
Akira Kawakami.
Kensuke Hanzawa.
Uhei Fujii.
Seisaku Suzuki.
Mitsunobu Matsuda.
Motosaburō Watanami.
†Chisen Asahina.

ELECTIVE STUDENTS.

LAW.

Isami Tsutsui.
Komatarō Maki.
Yūkichi Yuasa.
Yasaburō Kinoshita.
Kiōshirō Shima.
Takeo Hasé.
Hanji Noguchi.
Yasutami Suzuki.
Yasohachi Akechi.
Ken Hayashi.
Kiyoshige Nakashima.
Kōsuke Kanda.
Gorō Utsunomiya.
Risaku Nojiri.

† Examinations not finished.

Kichijirō Tamiya.
Tokuye Hosoya.
Kurashichi Hamamoto.
Kakutarō Takayanagi.
Keijirō Momooka.
Seiki Okuda.
Shunsuke Toyoda.
Gishichirō Utsunomiya.
Kumatarō Hiramatsu.
Yūji Iizuka.

POLITICS.

Yarokurō Asaka.
Tetsunosuke Sutō.
Masao Matsuki.
Rintarō Ozaki.
Bunsaku Koriki.
Sauriu Kani.
Kanemi Hirata.
Torajirō Takekawa.
Masanosuke Kagawa.
Akira Uyehara.
Toyotarō Kotegawa.
Chōtarō Yoneyama.
Shōichi Kirishima.
Yeifu Tani.
Isematsu Shinogi.
Kiyoshi Nakabayashi.
Shinji Takemura.
Jinzaburō Ma-aki.
Moshichirō Furushō.
Kanichirō Takada.
Takema Tani.
Toratarō Shibata.
Tamon Sasaki.
Chūzō Saitō.

III. COLLEGE OF MEDICINE.

POST-GRADUATE COURSE.

Tokkan Miwa, *Igakushi.*
Yeijirō Haga, *Igakushi.*
Manao Hori, *Igakushi.*

STUDENTS UNDERGOING FINAL EXAMINATIONS IN MEDICAL COURSE.

*Gitoku Tashiro.
Kyōichirō Kajita.
*Katsusaburo Yamagiwa.
Teiichirō Tada.

Toyosaku Murata.
Buntarō Suzuki.
Kamejirō Ishii.
Miozō Sasagawa.
Mitsuoki Kasahara.
Tosaburō Yendō.
Takehiko Gotō.
Michio Fujiwara.
Shūhei Shibuya.
Tsunejirō Kondō.
Gengi Hirahara.
Kitae Ōnishi.
Tomota Gyōtoku.
Kyūi Kuwabara.
Seiji Yasuo.
Kingo Shiono.
Tsutomu Inouye.
Chōnosuke Kasai.
Toku Sumikawa.
Bunji Watanabe.
Kimihiko Sumita.
Rinjirō Imai.

Seiyu Hirai.
Manji Miyajima.
Zenjirō Inouye.
Tatsukichi Irizawa.
Gikatsu Noda.
Hiroshi Ozawa.
Kenzō Watanabe.
Morio Fukushima.
Ryōsaku Fujie.
Masakichi Imai.
Jisshō Kōsaka.
Gakusaburō Tada.
Keisuke Tanaka.
Midori Itō.
Matakichi Masaki.
Komazō Kondō.
Motarō Higuchi.
Chiyokichi Kawana.
Tei Inō.
Tsuneo Hoashi.
Ryōshō Okamoto.

FOURTH YEAR.

*Hayazō Itō.
Kōan Takata.
Seinen Toda.
Kisaburō Wakasugi.
Yaoju Tsutsui.
Teijirō Tsuruda.
Kyōzō Watanabe.
Kenryō Ochiai.
Bunryō Marumo.

*Hayami Tsuboi.
Ikutarō Hirai.
Waichirō Okada.
Fujihiko Sekiba.
Keiji Azuma.
Gentarō Yoshimur.
Nagao Taniguchi.
Tai Watanabe.
Tsūryō Mishima.

Kin Mizuno.
Hidejirō Kurimoto.
Yeinosuke Funaoka.
Yūshō Sawabe.
Hiidzu Nagai.
Haruji Watsuji.
Yōrei Hayashi.
Kikusaburō Shirae.
Toratarō Yamaguchi.
Issen Takemura.
Han Hirose.
Bunkurō Henmi.
Hidesaburō Ōmura.
Yōsai Shimodaira.
Tamekichi Suzuki.
Tomogorō Abe.
Seizō Kitamura.
Kichisaburō Takashima.
Shinzō Unno.
Momojirō Nakamura.
Setsuzō Kondō.
Tsuchizō Inouye.
Shin Yamamoto.
Teisaku Tamura.

THIRD YEAR.

*Tokuo Suzuki.
Jihan Tsurumi.
Kinya Satō.
Keizō Ishiwatari.
Bunjirō Kobayashi.
Keinosuke Miyairi.
Keitarō Kamon.
Tsūtai Inouye.
Yūtarō Iba.
Shinshirō Nakazawa.
Teita Morita.
Shinkichi Imai.
Kiyoshi Tōda.
Shōchin Ogawa.
Hisashi Takata.
Raifu Ōta.
Sannosuke Horiki.
Kin-ichirō Takahashi.
Shirokichi Yamagata.
Takeji Okamoto.
Tokuju Nagai.
Shinko Akanuma.
Shinkichi Takahashi.
Tomomasa Masuda.
Shūzō Kure.
Motome Tsurumi.
Kenichirō Adachi.
Seijirō Hiraga.
Ryōzō Tsuchiya.
Chū Okabe.
Orio Terada.
Shinzō Asahina.
Komatarō Hiramatsu.
Yaichirō Chiba.

Ki Matsushima.
Tokujirō Mori.
Nagamichi Shibata.
Shintarō Ōkuni.
Bungorō Ōsato.

SECOND YEAR.

*Ichijirō Eurukawa.
Nayetarō Tanaka.
Sadaye Nakahara.
Rai Nakajima.
Shigejirō Machida.
Yeizaburō Sasakura.
Hisashi Kojima.
Sukehiko Itō.
Kōken Tamura.
Yojūrō Kambayashi.
Tokutarō Tada.
Yeikō Gyōtoku.
Einosuke Kuribara.
Kōjirō Nakagawa.
Tetsutarō Izumi.
Keisuke Katakura.
Ushihachi Sase.
Tsunejirō Hondō.
Soku Miyake.
Kametarō Nakanishi.
Keijirō Andō.
Shōjirō Hayakawa.
Shōnosuke Nagamatsu.
Junichi Umehara.
Hironosuke Noda.
Yōjū Kondō.
Kugatarō Ōmura.
Yanoji Itō.
Tetsuzō Yamada.
Tokiyuki Tsuda.
Momoji Kakō.
Nobutomo Suzuki.
Minatarō Akinaga.

FIRST YEAR.

Ren Sugimura.
Morihiko Nakayama.
Ushitarō Matsu-ura.
Shuku Miyamoto.
Shō Shimazaki.
Ryūjirō Akimoto.
Yetsuzō Iwazaki.
Toranoshin Toyoda.
Kichi Totsuka.
Shinkoku Moriya.
Sei Sugita.
Toraji Shiokawa.
Kōtarō Yokota.
Seigorō Ōmura.
Tetsugorō Uchida.
Keinosuke Mashima.

Garyō Takase.
Jun Misumi.
Shōzō Sawabe.
Sakuzō Koike.
Yushirō Kumakawa.
Yō Hayashi.
Kenkichi Nishiyama.
Saisuke Nakagawa.
Aizō Itō.
Shūtoku Tanaka.
Hachirō Amagai.
Kaku Toyama.
Miyagorō Takai.
Tsunetarō Murayama.
Teijirō Takemura.
Mojū Hashida.
Shūji Kumano.
Shōtarō Miyoshi.
Chimei Matsuo.
Masaiye Kawamura.
Tetsujirō Mizuno.
Jūkō Matsumoto.
Ji-ichirō Nishimaki.
Shōyei Naitō.

PHARMACY.

Second Year.

Chōnosuke Murayama.
Ginjirō Aikawa.
Matsuji Hirayama.
Keizō Ikeguchi.
Tsunejirō Furuya.

First Year.

Kintarō Uyeno.
Kameichirō Kashida.

ELECTIVE STUDENTS.

Wasaburō Hida.
Ukichi Ōtsuki.
Ikuzō Kodama.
Seijirō Nakazawa.
Fujirō Katsurada.
Toyoya Yasuhara.
Banzō Yasuhiro.
Torasaburō Araki.
Shinkichi Arima.
Kaichi Hashimoto.
Iwasaburō Yamanaka.
Chiki Yenami.
Ki Kusaka.
Chinkichi Tōyama.

Yajū Tōyama.
Kanjirō Yamamoto.
Kanzō Komatsu.
Yūnojō Inoue.
Tokujirō Yamatani.
Aihiko Sata.
Kiroku Ōkuchi.
Rikizō Kubota.
Kabasaburō Fujita.
Shūsaku Morohashi.
Kinichirō Ōbayashi.
Shū Yamakawa.
Girokurō Nobuhara.
Seiji Hasegawa.
Sai Hasegawa.
Kei Andō.
Ryūzō Tamazaki.
Junshirō Iida.
Shigetarō Hirasawa.
Kyūkichi Sakurai.
Hanhichi Hibi.

IV. COLLEGE OF ENGINEERING.

CIVIL ENGINEERING.

THIRD YEAR.

*Hiroshirō Hirokawa.
Sukihiko Niwa.
Yoshiki Okazaki.
Rokurō Watanabe.
Kesashirō Masuda.
Toratarō Nishio.
Motojirō Iinuma.
Shinbei Kunisawa.
Kusujirō Nii.
Shunpei Egawa.

SECOND YEAR.

Shōichirō Kimura.
Takegorō Okada.
Iwatarō Okuyama.
Ishiyo Ishikawa.
Seijirō Ishiguro.
Shigemi Ishimaru.
Sadaichirō Miike.
Rokuji Takikawa.
Kyōjirō Ichinose
Motokichirō Mizokoshi.
Teinosuke Aoyama.
Jirō Miyake.
Narishige Tadano.

FIRST YEAR.

Kōta Yokoi.
Jūkurō Kadono.
Suzukichi Sekiya.
Kikuzō Ikawa.
Hampei Nagawo.
Tōjirō Sano.
Tatsujirō Taka
Tamon Tsurut
Yūji Satō.

MECHANICAL ENGINEERING.

THIRD YEAR.

*Narazō Takatsuji.
Inosuke Ōkub

SECOND YEAR.

Takashi Matsubara.
Takeo Takimura.
Kiyata Suzuki

FIRST YEAR.

Fujita Tanaka.
Hikozō Mori.
Gontarō Shibi

NAVAL ARCHITECTURE.

THIRD YEAR.

Kumekichi Tomiyama.

SECOND YEAR.

*Raikichi Shirai.
Saku Yamada.
*Seiichi Terai
Yasuzō Wada

FIRST YEAR.

Tsune Mera.

TECHNOLOGY OF ARMS.

SECOND YEAR.

Shōzō Arisaka.

ELECTRICAL ENGINEERING.

THIRD YEAR.

*Sekitarō Nakagawa. Torajirō Kogi.
Toraichirō Ikeda.

SECOND YEAR.

Jiuki Kobori. Kōhei Ōiwa.

FIRST YEAR.

Dengorō Ushioda.

ARCHITECTURE.

SECOND YEAR.

Tamisuke Yokokawa. Manji Kamozawa
Hyōzō Sō.

FIRST YEAR.

Keikichi Ishii. Teikichi Ono.
Seizō Tashima.

APPLIED CHEMISTRY.

THIRD YEAR.

Minejirō Tonami. Santei Utsumi.
Kyōtarō Kitamura. Kanetomi Yoshimura.

SECOND YEAR.

Yeikichirō Motono.

FIRST YEAR.

Yoshigorō Shinoda. Kingo Hirota.
Shinzō Endō.

TECHNOLOGY OF EXPLOSIVES.

FIRST YEAR.

Kumaji Kusunose.

MINING AND METALLURGY.

THIRD YEAR.

Seigo Nishiyama.

FIRST YEAR.

Kiutarō Kuroiwa. Gumpei Momma.
Kumaroku Shōjima.

ELECTIVE STUDENTS.

Jiurō Teshima.
Keisuke Nagata.
Naokichi Komai.
Yasohachirō Ōya.
Gengo Yoshikawa.
Sadanobu Yamazaki.
Kuniyoshi Kamiya.
Hidewo Nagatsuka.
Kanō Kamada.
Shiukichi Kitsutaka.
Keizaburō Hoshina.
Samurō Satō.
Kinichi Yamamoto.
Taisuke Tabuchi.
Sōtarō Okamoto.
Shōgorō Shige.
Keitarō Yamamoto.
Yoshigorō Wakayama, *Kōgakushi.*
Shōkichi Inouye.

V. COLLLEGE OF LITERATURE.

POST-GRADUATE COURSE.

Riōhei Okada, *Bungakushi.* Mannen Uyeda, *Bungakushi.*

PHILOSOPHY.

Third Year.

*Shuku Ōnishi. Jintarō Ōse.
Tōnosuke Watanabe.

Second Year.

*Unokichi Hattori. Nakaba Iida.
Sensei Fujii.

First Year.

Yasuji Koya. Teisuke Fujishiro.
Goichirō Makise. Torao Suga.
Masao Narita.

JAPANESE LITERATURE.

Third Year.

*Sanji Mikami. Kuwasaburō Takatsu.

Second Year.

Mankichi Wada. Tomosaburō Sano.

HISTORY.

Third Year.

Kanichirō Shimoyama.

SECOND YEAR.

Masaru Isoda. Kurakichi Shiratori.
Hikotarō Yonebayashi.

FIRST YEAR.

Ginjirō Ogawa.

COMPARATIVE PHILOLOGY.

SECOND YEAR.

Sotokichi Hayashi.

ENGLISH LITERATURE.

FIRST YEAR.

Masaki Tachibana.

ELECTIVE STUDENTS.

Tomi Tanimoto.
Shōzō Shiraki.
Keitarō Hara.
Iwao Kimura.
Bun Tokuno.
Giichirō Hayashi.
Ryōtarō Ohara.
Shunrai Miyano.
Tsunakichi Inada.
Yasusaburō Suzuki.
Nakao Mayenami.
Seijirō Niwa.
Junzō Sekizawa.
Yūhō Yoda.
Keishō Fujishita.
Matsutarō Kawashima.
Okitomo Akimoto.
Yoshisaburō Okakura.
Benjirō Hayashi.
Tadao Hatakeyama.
Komajirō Ishii.

VI. COLLEGE OF SCIENCE.

POST-GRADUATE COURSE.

HANTARŌ NAGAOKA, *Rigakushi.* SHUNKICHI KIMURA, *Rigakushi.*
SHIN HIRAYAMA, *Rigakushi.* ICHIRŌ SHISHIDO, *Rigakushi.*
JIKEI HŌJŌ, *Rigakushi.*

MATHEMATICS.

THIRD YEAR.

Tsutō Motoda. Jūtarō Kawai.

SECOND YEAR.

Iwasaburō Sugiyama.

FIRST YEAR.

Tasaburō Mori.

ASTRONOMY.

THIRD YEAR.

Shōnosuke Iijima.

PHYSICS.

SECOND YEAR.

*Fusakichi Ōmori. Binnojō Mizuno.
Kenji Tsuruda.

FIRST YEAR.

Ichinai Okudaira.

CHEMISTRY.

THIRD YEAR.

*Kikunaye Ikeda. Masataka Ogawa.

SECOND YEAR.

Seihachi Hada. Tajirō Ichioka.

Yatarō Hori-ike.

FIRST YEAR.

Gihi Mihara.

ZOOLOGY.

THIRD YEAR.

Masamaru Inaba. Kamakichi Kishigami.

BOTANY.

THIRD YEAR.

*Manabu Miyoshi. Kintarō Okamura.

ZOOLOGY AND BOTANY.

SECOND YEAR.

Seitarō Gotō. Sei-ichirō Ikeno.

FIRST YEAR.

Keishō Matsui. Shōtarō Hori.

GEOLOGY.

THIRD YEAR.

Naotarō Kanada.

SECOND YEAR.

Yukutarō Asai.

ELECTIVE STUDENTS.

Asajirō Oka.
Sakutarō Ikeda.
Sadahisa Matsuda.
Nobujirō Tanaka.
Shunjirō Nozawa.
Santarō Nakamura.

XIII. LIST OF GAKUSHI AND OTHER GRADUATES.

I.—TŌKYŌ DAIGAKU.

HŌGAKUSHI.

Year of Graduation.		
1878	Tetsujirō Nishikawa.	Takasaburō Fujita.
"	Kin-ichi Kawakami.	Shigeaki Hatakeyama.
"	Chinkichi Nomura.	Masahisa Motoyama.
1879	Rokuichirō Masujima.	Kamasaburō Ōhara.
"	Biichiro Ōyagi.	†Kazumasa Takahashi.
"	Hakaru Isono.	Genzō Akiyama.
"	Yūtarō Yamashita.	Michinari Suyenobu.
"	Hisanori Miyake.	
1880	Michisaburō Miyasaki.	Hajime Motoda.
"	Saburō Murayama.	Kinzaburō Ōno.
"	Takanosuke Iriye.	†Chōjirō Kase.
1881	Takaaki Katō.	Masakata Akiyama.
"	Masamichi Aikawa.	†Gentarō Okada.
"	Teiichirō Matsuno.	Takesaburō Yū.
"	Mitsuyoshi Suzuki.	Sakichi Sakaguchi.
"	Sansei Uchida.	
1882	Yasushi Hijikata.	Kamenosuke Misaki.
"	Katsutaka Sunagawa.	Kinosuke Yamada.
"	†Asaka Watanabe,	†Chikamoto Miwa.
"	Kanekichi Okayama.	Moroyoshi Ihara.
1883	Junrokurō Shiba.	Teiji Itō.
"	Sukeyuki Hiyama.	†Tōichi Nishio.
"	†Seitarō Katayama.	Naohiko Seki.
"	Jun Isobe.	Tokutarō Ono.

† Dead.

Year of Graduation.		
1884	Makoto Yegi.	Yoshito Okuda.
"	Komatarō Kōsaka.	Katsu Kitadai.
"	Yoshitarō Arakawa.	Toshikazu Ishiwatari.
1885	Suteroku Takahashi.	Genji Baba.
"	Ikunoshin Matsuoka.	Heitarō Tsubono.
"	Seijirō Sō.	Seizō Tagami.
"	Shirō Fujita.	Yasutarō Ōta.
"	Zōji Shibuya.	Junsaku Hirabe.

RIGAKUSHI.

CHEMISTRY.

1877	Rokurō Takasu.	Mitsuru Kuhara.
"	Michimasa Miyazaki.	
1878	Tokusaburō Isono,	Jintarō Takayama.
"	Shinrokurō Itō.	Gibi Hiraga.
"	Toyokichi Takamatsu.	Ryōsaku Fukuda.
"	†Kōichi Kobayashi.	
1879	Iwata Nakazawa.	Toyota Ishidō.
"	Mitsuzō Hida.	Kenjirō Ota.
"	†Yeijirō Watanabe.	Yatarō Kitamura.
1880	Yoshimasa Kōga.	Hikorokurō Yoshida.
"	Iwao Ishikawa.	Monoshiro Moriya.
"	Izuru Watanabe.	Osamu Matsumoto.
1881	Osamu Hisada.	Seizō Imai.
"	Tsuneshichirō Katō.	Gentarō Takahashi.
1882	Toyokitsu Uyeda.	Yatarō Ishikawa.
"	Shunsui Sawabe.	†Kakusaburō Tachibana.
1883	Kanichirō Koide.	Kusushi Iwabuchi.
"	Tōzō Bannai.	†Hidetoshi Tokoroya.

Year of Graduation.		
1883	Yasukichi Ōishi.	Tetsutarō Yoshioka.
"	Sagorō Sugitani.	Shintarō Adachi.

PURE CHEMISTRY.

1884	Yeinoshin Yoshitake.	Katsujirō Takashima.
1885	Yetsunojō Hori.	Motojirō Matsui.

APPLIED CHEMISTRY.

1884	Bunjirō Masujima.	Ishitarō Yokochi.
"	Itaru Andō.	
1885	Kumazō Tsuboi.	Mitsukuni Murase.

PHYSICS.

1878	Hisashi Terao.	Yoshitaka Sembon.
"	Teiji Nobutani.	Kyōhei Nakamura.
"	Fusaki Sakurai.	
1879	Masashi Namba.	Kiyo-o Nakamura.
"	Umekichi Yatabe.	Yūji Wada.
"	Susumu Samejima.	Munenori Takanose.
"	†Shūye Toyoda.	
1880	Kan-ichirō Miwa.	Mamoru Minori.
"	Tokusaburō Kiriyama.	Jimmats Shioda.
"	Unari Kobayashi.	†Tadamoto Sawano.
"	Teizō Tamana.	Tōta Yasuda.
1882	Shōhei Tanaka.	Rikitarō Fujisawa.
"	Aikitsu Tanakadate.	
1883	Sukeyasu Sakai.	
1884	Yeinosuke Yamaguchi.	
1885	Kiyoshi Sawai.	Shintarō Hayasaki.

Year of Graduation.

BIOLOGY.

1881	Isao Ijima.	Tomotarō Iwakawa.
"	Chiujirō Sasaki.	

ZOOLOGY.

1882	Chiyomatsu Ishikawa.	
1885	Genhachi Mitsukuri.	

BOTANY.

1885	Kōtarō Saida.	

MECHANICAL ENGINEERING.

1880	Teichi Sakata.	
1881	Tomokichi Yoshida.	Ryūsaku Godai.
1883	Sakuji Yokoi.	Shintarō Kawakami.
"	Mitsuo Tanabe.	
1884	Shōzaburō Gonda.	

CIVIL ENGINEERING.

1878	Isoji Ishiguro.	Mitsugu Sengoku.
"	Jentarō Mita.	
1879	Shunji Ōmori.	Kanō Tachibana.
"	Kyōsaburō Futami.	Wataru Usui
"	Busuke Nojiri.	
1880	Yasuto Koshiba.	Yoshitsugu Kurata.
"	Tanenobu Oka.	Benjirō Kusakabe.
"	Gengorō Aoki.	Hiide Koshizuka.
1881	Naoji Shiraishi.	Ryūtaro Nomura.
"	Ryūta Hara.	†San-ichi Shimomura.
"	Tetsu-o Tsuchida.	Ninao Ishida.
1882	Teizaburō Nakahara.	Kyōzō Kumakura.
"	Takeshi Miura.	Katsura Nagasaki.

Year of Graduation.		
1883	Yeiji Nakajima.	Sentarō Kondō.
"	Gonpei Ōya.	Yoshishige Noguchi.
1884	Genjirō Yamazaki.	
1885	Yoshichika Wada	

MINING AND METALLURGY.

1879	Wataru Watanabe.	Shachio Kawano.
"	Ichizō Okada.	
1881	Rentarō Hotta.	
1882	Kageyoshi Noro.	Shinji Harada.
"	Yoshitada Ōki.	Yoshinori Wada.
"	Kyōda Ōyagi.	
1883	Osamu Yamagata.	Take-ichirō Matsuda.
"	Teishō Nagada.	Kasaku Nakano.
1884	Naoki Ishikawa.	
1885	Naoya Yamada.	Haruo Tajima.

GEOLOGY.

1879	Bunjirō Kotō.	
1880	Tadatsugu Kochibe.	Denkichi Yamashita.
"	Matsujirō Nishi.	
1881	Takao Eujitani.	
1882	Matajirō Yokoyama.	Kenzō Nakajima.
"	Akira Yamada.	
1883	Toshi Suzuki.	Yasushi Kikuchi.
1884	Sōjirō Miura.	
1885	Tadayuki Nasa.	Tsunahiro Tada.

MATHEMATICS.

1884	Toyo-o Takahashi.	
1885	Jikei Hōjō.	Kyōnosuke Kumazawa.

IGAKUSHI.

Year of Graduation.		
1876	Kandō Kawano.	Teijun Yoshida.
"	Washichirō Ōta.	Noboru Hamano.
"	Chūsen Ishikawa.	Rokurō Moroga.
"	Tetszō Suda.	Taisuke Yamazaki.
"	Kenzō Mitsuma.	Genshū Yamazaki.
"	Genkei Oka.	Yutaka Harada.
"	Hogara Uno.	Jun Sugano.
"	Gentei Matsuzawa.	Seiken Miura.
"	Yasuji Noguchi.	Teijirō Watanabe.
"	Junjirō Hasegawa.	Kōichi Miura.
"	Atsuyoshi Ono.	Ikujirō Sakurai.
"	Ryōyeki Nakamura.	Gentoku Indō.
"	Sōhei Ōkawa.	
1879	†Ikutarō Shimizu.	Masakichi Sasaki.
"	Jirō Shindō.	Tsunekichi Torikata.
"	Isamu Kiyono.	Chihō Ōmori.
"	Keiyo Tazawa.	†Kinnojō Mume.
"	Chimata Konō.	Uchūji Ishiguro.
"	Kuniyoshi Katayama.	Rokichi Nonami.
"	Buni Sasaki.	Seizō Kumagai.
"	Gentan Kumagai.	Ichinosuke Satō.
"	Kanji Uozumi.	Keihon Takashina.
"	†Yūki Jinnai.	Yeisuke Nakarai.
1880	Gentatsu Hamada.	Yoshikiyo Koganei.
"	Masanori Ogata.	Hajime Sakaki.
"	Morio Itō.	Hiroshi Kobayashi.
"	Hidekata Tomono.	Jōgorō Ise.
"	Yū Sugita.	Seiichi Nagao.
"	Chō Hirota.	Tomojirō Kanda.
	Kōnosuke Suzuki.	Kōichi Ishikawa.

Year of Graduation.		
1880	Teikichi Numanami.	Yukiyoshi Suge.
"	Rinsuke Toyama.	
1881	Moriji Miura.	Juntarō Takahashi.
"	Tōichirō Nakahama.	I. Ibe.
"	Tasuku Satō.	Yoshimoto Katayama.
"	Tasuku Kōno.	Rintarō Mori.
"	Masanao Koike.	Kōnosuke Kumagai.
"	Naokichi Yamagata.	Nakagi Yamagata.
"	Kichirō Ibara.	Ken Taniguchi.
"	Tomokata Morinaga.	Yoshichiro Yenomoto.
"	Masamichi Nakamura.	Ryūtarō Sano.
"	Gen-ichirō Narasaka.	Tsunesaburō Kikuchi.
"	Riōtei Shingū.	Bunsuke Jinbō.
"	Kakusho Kako.	Isaku Uozumi.
"	Kōhei Nagamachi.	Jō Yeguchi
"	Shinjun Iida.	Kango Shimada.
"	Riōgo Oikawa.	Takeo Kajima.
1882	Tsunenaga Sakamotō.	Fumitane Takagi.
"	Jirō Nogawa.	Sakaye Furukawa.
"	Sankichi Sato.	Tanemichi Aoyama.
"	Shō-ō Shibata.	Shōki Segawa.
"	Shikanosuke Inoko.	Ren Satō.
"	Bangorō Tominaga.	Yatarō Ōta.
"	Junzō Asakawa.	Tadasu Tashiro.
"	Kaiji Ogura.	Masakiyo Yoshimasu.
"	Shigeki Kumagai.	Yoshinori Saigō.
"	Shūjirō Ogata.	Susumu Yoshimura.
"	Makoto Aiso.	Shōji Yamane.
"	Kenzō Totsuka.	Masao Jinnaka.
"	Yō Yendō.	Kōzō Yoshida.
"	Senya Saitō.	

Year of Graduation.		
1883	Jūjirō Kawamoto.	Shūan Ōtani.
"	Moriichi Uchida.	Muneo Kumakawa.
"	Tamenobu Saitō.	Hiroshi Kawahara.
"	I Iso.	Shibasaburō Kitasato.
"	Yōichi Ikeda.	Moriyasu Takahashi.
"	Kenkichi Urashima.	Bunsaku Yamane.
"	Sentarō Nakayama.	Tarō Ogata.
"	Kōzō Kimura.	Kō Sasaki.
"	Shuichi Ozawa.	Yo-o-ya Kawamata.
"	Toyata Iwasa.	Heizaburō Tsuruzaki.
"	Shunpo Chihara.	Koichirō Riu.
"	Jirō Minami.	Otoya Manabe.
"	Hiromu Asada.	Seiichirō Kuroyanagi.
1884	Kentarō Murata.	†Kiyoshi Matsuzaki.
"	Ikujirō Asayama.	Shunkichi Miyashita.
"	Tadao Honda.	Kanji Hasegawa.
"	Riu Munekata.	†Gen-un Kijima.
"	Tōmei Kurimoto.	Heishirō Yamazaki.
"	Rokuzō Ogiu.	Bunzo Oka.
"	Jirohei Yamamoto.	
1885	Teiichi Kashiwamura.	Jirō Tsuboi.
"	Noritomo Masugi.	Heizō Inouye.
"	Yasuo Sawabe.	Homare Sano.
"	Senmatsu Amaya.	Tomoye Takagi.
"	Hidetarō Hoshino.	Mantarō Kamada.
"	Dōyū Okuda.	Gonsaburō Inano.
"	Hideji Ōnishi.	Teikichi Suganuma.
"	Takashi Hidaka.	Nagauji Hara.
"	Gentei Harada.	

SEIYAKUSHI.

Year of Graduation.		
1878	Jun-ichirō Shimoyama.	Keizō Tamba.
"	†Manabu Yoshida.	Sai Oyama.
"	Saburō Takahashi.	Matsujirō Takahashi.
"	Tōkichirō Niwa.	†Tokutarō Mimura.
"	Yoshihiro Nōtomi.	
1879	Koheida Sakurai.	Jirō Sone.
"	Osamu Fujimoto.	Shin-ichi Nomi.
"	Kōichi Shimada.	Tō Yamada.
"	Tsunesuke Mizoguchi.	Chōkyō Yagi.
"	Hidematsu Takahashi.	Shūgo Hosoi.
1881	Masata Hino.	Yoshizumi Tawara.
"	Kageaki Magaribuchi.	Shin Machida.
"	Jirō Fujikawa.	Hirotake Saitō.
"	Shūzō Matsuo.	Hirotada Ōmaye.
"	Yoshinori Katayama.	
1882	Masashide Shibayama.	Gyōkō Yasuka.
"	Hidetarō Yagi.	Masunosuke Hirayama.
"	Shiba Nakanishi.	
1883	Chūsuke Kurata.	

JUN-IGAKUSHI.

1876	†Iwase Asakawa.	†Genkai Kobayashi.
"	†Yoshinori Tachibana.	†Sadakitsu Yagishita.
"	†Ka Ōkōchi.	†Tōsaku Akashika.

BUNGAKUSHI.

PHILOSOPHY, POLITICAL SCIENCE, POLITICAL ECONOMY, AND JAPANESE AND CHINESE LITERATURE.

Year of Graduation.		
1880	Kenzō Wadagaki. *c.a.*	Tetsujirō Inouye. *a.b.*
"	Shinsaku Kodera. *a.b.*	Kiyo-omi Chikami. *a.b.*
"	Sadanaga Koba. *b.c.*	Keizō Nakakuma. *b.c.*
"	Kakuzō Okakura. *b.c.*	Takasuye Fukutomi. *c.a.*
1881	Seiichi Suyeoku. *c.a.*	Kumazō Tsuboi. *b.c.*
"	Keiroku Tsutsuki. *b.c.*	Kojiro Tatsumi. *a.b.*
"	Jigorō Kanō. *b.c.*	Inagi Tanaka. *d.*
1882	Nagao Ariga. *a.*	Sanaye Takata. *b.c.*
"	Ichirō Yamada. *b.c.*	Tameyuki Amano. *b.c.*
1883	Yūjirō Miyake. *a.*	Seitarō Umewaka. *b.c.*
"	Hassoku Hozumi. *b.c.*	Chōnosuke Ogiwara. *b.c.*
"	Takejirō Kimura. *b.c.*	Sadakichi Tsuruhara. *b.c.*
1883	Yūzō Tsubouchi. *b.c.*	Kamejirō Mayekawa. *b.c.*
"	Tadatake Ogawa. *b.c.*	Teishichi Nakahara. *b.c.*
1884	Yoshirō Sakatani. *b.c.*	Tsunejirō Nakagawa. *b.c.*
"	Kinya Kume. *b.c.*	Kenjirō Hamada. *b.c.*
"	Shukurō Hiranuma. *b.c.*	Kinshirō Tsuchiko. *b.c.*
"	Ju-ichi Soyeda. *b.c.*	Yūji Fujiyama. *b.c.*
"	Shōren Katō. *b.c.*	Hiderō Kasuga. *b.c.*
"	Gompei Harakawa. *b.c.*	Suketō Sugiye. *b.c.*
"	Ichirō Tanahashi. *d.*	
1885	Yenryō Inouye. *a.*	Yen Kanai. *b.c.*
"	Kōjūrō Nagasaki. *b.c.*	Untō Kurokawa. *b.c.*
"	Tsunekuni Mihara. *b.c.*	Rokurō Honma. *b.c.*

---

a. Graduates of Philosophy.
b. " " Political Science.

c. Graduates of Political Economy.
d. " " Japanese and Chinese Literature.

II.—KŌBU-DAIGAKKŌ

KŌGAKUSHI.

CIVIL ENGINEERING.

Year of Graduation.		
1879	Kiyoshi Minami.	Ayahiko Ishibashi.
1880	Hachirō Kobayashi.	Yōkichi Tsujimura.
"	Rokurō Ōta.	Motoi Chikusa.
"	Kyōta Shibuya.	Yoshimitzu Iizuka.
"	Atsutaka Sayeki.	
1881	Narinori Satō.	Taki Katori.
"	Kōsei Asuke.	Moritaka Yemori.
"	Tsutō Yashiro.	Yukitarō Takata.
1882	Senzō Ōshima.	Kyūki Nobechi.
"	Aijirō Kasai.	Heinojō Uyeki.
"	Sanjirō Yoshikawa.	
1883	Kaichi Watanabe.	Sakurō Tanabe.
"	Tenzui Kōno.	Shōkichi Miyagishima.
"	Zenshi Otagawa.	Junnosuke Yamaguchi.
"	Jūsaburō Kōno.	Motoi Kamiyama.
"	Yasukichi Shimizu.	Kō Funahiki.
1884	Taminosuke Kume.	Kamesaburō Yoshimoto.
"	Hanjirō Furukawa.	Tōgo Ogawa.
1885	Chōsaku Yoshimura.	Tokimasa Aisawa.
"	Naka Tomonari.	Jitsu Makino.
"	Seiichirō Fukuoka.	

MECHANICAL ENGINEERING.

1879.	†Naotada Takayama.	Shinrokurō Miyoshi.
"	Shinichirō Arakawa.	Seinoshin Imada.

Year of Graduation.		
1879	Kōji Miyasaki.	
1880	Yoshiaki Yasunaga.	Torazō Harada.
"	Tan Saka.	Jirō Sadachi.
"	Sekitarō Takeda.	Yoshisada Nogami.
"	Shigemichi Fujita.	Saneyasu Oka.
"	Kurō Yoshimi.	Kiben Hayada.
"	Yasushi Iyeiri.	
1881	Tōichirō Usui.	Shun-ichi Hattori.
"	Bunji Mano.	Tai Kishi.
"	Masatomo Naitō.	Shinzaburō Awaya.
"	Masa Koyasu.	Rintaro Tanaka.
1882	Ariya Inokuchi.	Junzō Nakahara.
"	Seizaburō Kawai.	Tunezō Saitō.
"	Suetarō Kōsaka.	Matarō Kurizuka.
1883	Hikotarō Mizukami.	Senpei Inagaki.
"	Hikomatsu Iwasaki.	
1885	Keita Susumu.	Kyōzō Kikuchi.
"	Seikichirō Hata.	

NAVAL ARCHITECTURE.

1883	Suyemichi Kameda.	Yoshiaki Iwata.
"	Kichirō Oyama.	
1884	Umanosuke Fukuda.	Yasuichi Sugitani.
"	Kyō Aoki.	
1885	Tsurutarō Matsuo.	Shinsaburō Konishi.

ELECTRICAL ENGINEERING.

1879	Rinsaburō Shida.	
1880	Takeo Iwata.	
1881	Ichisuke Fujioka.	Kōsaku Kumakura.
"	Hatsune Nakano.	Ōsuke Asano.

Year of Graduation.		
1881	Kakunosuke Iida.	Takamasa Kashiwan
1882	Saitarō Ōi.	Gitarō Yamakawa.
"	Kōtarō Morishima.	Hidesuke Igarashi.
"	Fu Tsuboi.	Kunihiko Iwataru.
1883	Umesaburō Kotaka.	Bentarō Tamaki.
"	Rentarō Nagayama.	Tei Hasegawa.
"	Senkichi Kanda.	
1884	Daisaburō Aoki.	

APPLIED CHEMISTRY.

1879	Jōkichi Takamine.	Seikichi Mori.
"	Teikichi Nakamura.	Yoshiki Fukabori.
"	Shinjirō Kishi.	
1880	Sōtarō Tsukiyama.	Zenichi Imai.
"	Sei Ninomiya.	
1881	Michitada Kawakita.	Chūtarō Matsudaira.
"	Tamemasa Haga.	
1883	Tetsukichi Shimizu.	Tsunehisa Fujii.
1884	Masanobu Shimose.	Toratarō Kawanami.
"	Iwaichirō Shizuki.	Toshishige Hosokawa
1885	Kichijirō Ishikawa.	Saburō Ogata.

ARCHITECTURE.

1879	Kingo Tatsuno.	Tōkuma Katayama.
"	Tatsuzō Sone.	Shichijirō Sadachi.
1880	Hisakichi Fujimoto.	Yuzuru Watanabe.
1881	†Fukkei Sakamoto.	Masamichi Kuru.
"	Masutomo Ohara.	
1882	Takamasa Niiya.	Kikusuke Torii.
"	Tatsutarō Nakamura.	
1883	Kinsai Funakoshi.	Daikichi Taki.

Year of Graduation.		
1883	Hanichi Morikawa.	Shigenori Yoshii.
1885	Gorō Watanabe.	

MINING.

1879	†Kizō Kondō.	Masakane Asō.
1880	Tatsuo Oki.	Sei Kuwabara.
"	Masamichi Yoshiwara.	Chikanari Matsushita.
"	Ryō Sengoku.	Tominori Kitsunezaki.
"	Kinichi Yamada.	Rikusaburō Kondō.
"	Sukenobu Maki.	
1881	Itsuzō Fujino.	Shigeru Sugata.
"	Teizō Sera.	Toyonoshin Tsuno.
"	Raijirō Hayashi.	Masanobu Ishibashi.
"	Kiutarō Nagai.	Tōru Satō.
1882	†Kakichi Miyazaki.	Naka Matoba.
"	Osamu Ishida.	Reiji Kanda.
"	Morikazu Mita.	Rokurō Ōshima.
"	Tetsusaburō Kosugi.	Kumajirō Haruhara.
1883	Sōichi Yamagata.	Sakujirō Fujioka.
"	Rokunosuke Suzuki.	Yeiichi Matsuda.
1884	Junnosuke Ōhara.	Ichirō Ōtsubo.
"	Seiichi Saitō.	Kenroku Shimada.
"	Igajirō Mamiya	Itarō Hidaka.
"	Washitarō Kasahara.	Shirō Yamaguchi
1885	Yasushirō Kawai.	Masateru Kuroda.
"	Takeji Nakamura.	Kin-ichirō Ishizaka.
"	Naga-aki Akiyama.	

METALLURGY.

1879	Fuyukichi Obana.	Ren Kurimoto.
1880	Yonehachi Takashima.	
1881	Shichirō Nobe.	

GRADUATES.

CIVIL ENGINEERING.

Year of Graduation.		
1879	* Shūkichi Sugiyama.	
1880	† Yoshisada Terauchi.	
1881	* Ichitarō Yamanouchi.	
1882	Ryūzaburō Itō.	Isaburō Kambara.
1883	†Kintarō Katsuma.	

MECHANICAL ENGINEERING.

1881	Toshinobu Suda.	
1883	Taki Ōdake.	Motoki Kondō.

ELECTRICAL ENGINEERING.

1880	Shinjun Nakayama.	

APPLIED CHEMISTRY.

1879	Yoshio Torii.	
1880	Yeinosuke Tanabe.	*Kyūshirō Hayashi.
1882	Tatsuo Inui.	*Takujū Obata.
1883	Masatada Ikeda.	

ARCHITECTURE.

1882	†Ishimatsu Miyahara.	Kōzō Kawai.
1883	*Tomotarō Yoshizawa.	

MINING.

1880	Ka Okashima.	Kiji Arakawa.
1881	†Hōken Chō.	
1884	Masayoshi Abe.	

METALLURGY.

1882	Kanji Kitamura.	

* Third Class Graduates.

III.—TEIKOKU-DAIGAKU.

COLLEGE OF LAW.

HŌGAKUSHI.

LAW (ENGLISH DIVISION).

Year of Graduation.		
1886	Shumpei Uyemura.	Kanjin Tomizu.
"	Keijirō Okano.	Nagayasu Ikunuma.
"	Kikuwaka Sakakibara.	Rainosuke Sawazaki.
"	Sukenori Itō.	Fushi Inui.
"	Akichika Hanyu.	Seigo Nakano.
1887	Tsunejirō Miyaoka.	Tsunehide Ishii.
"	Kaku Takahashi.	
1888	Kiichirō Hiranuma.	Jōyei Hirata.
"	Kameji Shibahara.	Riutarō Koide.
"	Tsunetarō Shionoya.	Aishichi Tanahashi.
"	Kenjirō Komatsu.	Kumaji Nagai.
"	Munekoto Suzuki.	Kingo Kakizaki.
"	Shin Satō.	

LAW (FRENCH DIVISION).

1888	Kazuma Jō.	Hideo Yokota.
"	Hikoroku Morozumi.	Minesaburō Ōta.
"	Ritsuo Tashiro.	Takekuma Kakihara.
"	Tomosaburō Kinoshita.	Chūzō Ōkura.
"	Shinzō Kamijō.	Chūji Yendō.
"	Nobuhide Matsudaira.	Katsunosuke Ichikawa.
"	Seiseki Fukui.	Kōkiu Saitō.
"	Yeizaburō Kamei.	Masane Kawada.
"	Matsutarō Itakura.	Tōkichirō Noda.
"	Sanyū Hori.	Kanetarō Kusaka.
"	Seisuke Nakajima.	Hiōkichi Mizumoto.

Year of Graduation.		
1888	Shigemori Fujita.	Naohide Kameyama.
"	Ichirosuke Ishio.	Fujimaro Tsuda.
"	Fujio Itagaki.	Keijirō Tamaki.
"	Sōnosuke Yamamoto.	Shigemasa Machida.
"	Seiichi Hara.	Kō Ōtō.
"	Kinichirō Ishikawa.	Terunosuke Watanabe.
"	Shirō Takita.	

POLITICS.

1886	Fujirō Sagane.	
1887	Kitokurō Ikki.	Kōsai Uchida.
"	Senkichirō Hayakawa.	Gonsuke Hayashi.
"	Tomosada Asada.	Kametarō Hayashida.
"	Masaya Suzuki.	Kan-ichi Ōba.
1888	Jūshirō Kiuchi.	Kuranosuke Matsuzaki.
"	Kazuye Itō.	Torajirō Nomura.
"	Yeki Hioki.	Toshiyuki Haraguchi.
"	Masakichi Miyazaki.	Saijirō Takei.
"	Sadakichi Suzuki.	Kanaye Tozawa.
"	Kinjirō Takemura.	Sōkichi Yamaguchi.
"	Sasuke Ōura.	

COLLEGE OF MEDICINE.

IGAKUSHI.

1886	Sōkei Tsutsumi.	Kiuyō Sarai
"	Seiichirō Ninomiya.	Ainosuke Suzuki.
"	Masatō Kusunoki.	Sannosuke Ogawa.
"	Jyū Itō.	Takegorō Kimura.
"	Takuzō Yanagi.	Haruka Saitō.
"	Manpei Uchida.	Tsunehisa Satō.

Year of Graduation.		
1886	Hidema Katsura.	Hidejirō Matsui.
"	Hisayasu Mita.	Michizumi Hanabusa.
"	Taketsugu Shimada.	Teizō Takabata.
"	Renpei Mizuno.	Tan Takeda.
"	Tameji Tsunemochi.	Tokkan Miwa.
"	Kunitarō Okada.	Nagahide Kashiwabara.
1887	Yoshito Inoko.	Satarō Hirose.
"	Genshi Seo.	Hiroyasu Ōta.
"	Uhito Takayasu.	Shōhei Takayama.
"	Kunisaburō Narabayashi.	Kaizō Arimatsu.
"	Tsunekatsu Kurimoto.	Naganori Majima.
"	Yasuzō Ikehara.	Shunyō Torii.
"	Manao Hori.	Joun Kitamura.
"	Kan Yamazaki.	Hōsaku Inouye.
"	Kenji Yamada.	Yentarō Muya.
"	Yoshio Yashiro.	Yasuzō Makita.
"	Shunichi Shimamura.	Seiken Takenaka.
"	Ren Hori.	Kenkichi Makiyama.
"	Tōzaburō Watanabe.	Kenzaburō Adachi.
"	Bunjirō Toki.	Naojirō Yamamura.
"	Kiujirō Kanki.	Teiji Fuse.
1888	Kinosuke Miura.	Yeijirō Haga.
"	Gakutarō Ōsawa.	Shizuo Yema.
"	Taizō Kōno.	Yoshitaka Ōnishi.
"	Kwaitarō Sakata.	Nenjirō Chiba.
"	Sansei Matsumura.	Seita Nose.
"	Kōichi Shinji.	Kosanda Ōnishi.
"	Dōseki Uyama.	Matajirō Hikita.
"	Kōichi Shibata.	Seiji Seki.
"	Kōkichi Takahashi.	Tokuzō Horiuchi.
"	Riutoku Koyama.	Iwajirō Yamada.

Year of Graduation.		
1888	Jun Hatano.	Naonoshin Uyehara.
"	Riutarō Ikoma.	Kumoji Sasaki.
"	Taisuke Kawase.	Tomomichi Mori.
"	Yoshitada Katō.	Ryōtaku Koike.
"	Sōnosuke Shishido.	

COLLEGE OF ENGINEERING.

KŌGAKUSHI.

CIVIL ENGINEERING.

(STUDENTS OF THE LATE KŌBU-DAIGAKKŌ).

1886	Seitarō Mukasa.	Isshi Saburi.
"	Kōran Sugawara.	Umesaburō Ogawa.
"	Tomonao Oyama.	Tomoyoshi Kuno.
"	Toshirō Uyeda.	Toyotarō Kuroda.
"	Kinnosuke Torikoye.	
"	Hakujirō Kobayashi.	Tajima Tanimura.
1887	Toragorō Kondō.	Nobushirō Watanabe.
"	Tsunejirō Nambu.	Toyojūrō Nagasaki.
"	Hidejirō Watanabe.	Shuntarō Yamaguchi.
"	Masaye Hayashi.	Tokujirō Inouye.
1888	Hidesaburō Nakayama.	Kumema Noguchi.
"	Kyōichi Murakami.	Shigenaga Yoshiwara.
"	Ken Kudō.	Tadashi Ōkubo.
"	Fusayoshi Nozawa.	Kinzaburō Kishi.
"	Matsutarō Mochigase.	Kōzaburō Tanii.
"	Inazō Toya.	Masao Yamagami.
"	Issei Oki.	

MECHANICAL ENGINEERING.

(STUDENTS OF THE LATE KŌBU-DAIGAKKŌ).

Year of Graduation.		
1886	Teikan Atsumi.	Kanichi Utsunomiya.
"	Hidehisa Shimoyama.	Matsujiro Ōhira.
"	Riu Watanabe.	Chiyokichi Suzuki.
1887	Ritarō Hirota.	
1888	Shōzō Tomonaga.	Suketarō Takai.

NAVAL ARCHITECTURE.

(STUDENT OF THE LATE KŌBU-DAIGAKKŌ).

1886	Taitō Tanaka.	
1887	Bunichirō Fukuchi.	Kyō Watanabe.
"	Takahisa Shirato.	Tatsukichi Itō.
1888	Sakutarō Takakura.	Tomiichi Uyeno.

ELECTRICAL ENGINEERING.

(STUDENT OF THE LATE KŌBU-DAIGAKKŌ).

1886	Seisuke Hayashi.	
1887	Masamichi Niwa.	Hayatsuchi Kodama.
1888	Jnnsuke Miyake.	Toraji Bannai.

ARCHITECTURE.

(STUDENT OF THE LATE KŌBU-DAIGAKKŌ).

1886	Toyosuke Tanaka.	
1888	Nishijirō Nakahama.	

APPLIED CHEMISTRY.

Year of Graduation.	(STUDENTS OF THE LATE KŌBU-DAIGAKKŌ).	
1883	Chikamasa Ōkubo.	Toshi-o Ichikawa.
"	Kinzaburō Ichino.	
1887	Sukesaburō Doi.	Masuo Moriyama.
1888	Matsunosuke Hosoki.	Gorokichi Nakagawa.
"	Sentarō Tsuboi.	Gisuke Ikuta.
"	Kaichirō Sudō.	Yoshima Yamadera.
"	Takeo Watanabe.	Kenji Saitō.
"	Hyōtarō Umeno.	Yoshigorō Wakayama.
"	Yoshihiko Okajima.	

MINING.

(STUDENTS OF THE LATE KŌBU-DAIGAKKŌ).

1886	Seizoku Yonekura.	Ichisuke Ōhigata.

MINING AND METALLURGY.

1886	Buntarō Yamada.	
1887	Hachiya Ishida.	Yoshitarō Watanabe.
1888	Miyagorō Onda.	Teizaburō Hori.
"	Gi-ichi Akiyama.	Seitarō Uchida.

COLLEGE OF LITERATURE.

BUNGAKUSHI.

PHILOSOPHY.

1883	Shinjitsu Hidaka.	Ichizō Nagasawa.
"	Ginnosuke Sakakura.	
1887	Mitsuyuki Tokunaga.	Ryōhei Okada.

Year of Graduation.

1887 Junzaburō Umemoto.
1888 Masatarō Sawayanagi.

JAPANESE LITERATURE.

1886 Tsunetarō Toda.
1888 Mannen Uyeda.

COLLEGE OF SCIENCE.

RIGAKUSHI.

MATHEMATICS.

1888 Kōkichi Kanō.

ASTRONOMY.

1888 Shin Hirayama. Keizaburō Ashino.

PHYSICS.

1886 Jun Hirayama. Masumi Saneyoshi.
1887 Hantarō Nagaoka.
1888 Shunkichi Kimura.

CHEMISTRY.

1886 Kiyotoshi Makino.

ZOOLOGY.

1886 Shōgorō Tsuboi.
1888 Ichirō Shishido.

BOTANY.

1886 Kōtarō Shirai. Naomaro Ōyatsu.
1887 Chikaye Tsuge.

GEOLOGY.

1887 Kotora Jinbō. Sen-ichi Ōtsuka.
1888 Shōshirō Matsushima. Hatsujirō Shibata.

XIV. LIST OF HAKUSHI.*

HŌGAKUHAKUSHI.

Conferred.		
May, 1888.	Rinshō Mitsukuri.	Inajirō Tajiri.
" "	Takeo Kikuchi.	Nobushige Hozumi.
" "	Kazuo Hatoyama.	
June, 1888.	Shōichi Inouye.	Hiroji Kinoshita.
" "	Binzō Kumano.	Teruhiko Okamura.
" "	Masaakira Tomii.	

IGAKUHAKUSHI.

May, 1888.	Kensai Ikeda.	Kōjō Hashimoto.
" "	Hiidzu Miyake.	Kenkan Takagi.
" "	Kenji Ōsawa.	
June, 1888.	Kazuyoshi Taguchi.	Susumu Satō.
" "	Masanori Ogata.	Masakichi Sasaki.
" "	Yoshikiyo Koganei.	

KŌGAKUHAKUSHI.

May, 1888.	Sōichirō Matsumoto.	Kaname Haraguchi.
" "	Kauy Fourouitsi.	Yoshinosuke Hasegawa.
" "	Rinzaburō Shida.	
June, 1888.	Toyokichi Takamatsu.	Naosada Taniguchi.
" "	Seijirō Hirai.	Kingo Tatsuno.
" "	Riutarō Iwaya.	

* Degrees were conferred under the 2nd proviso of Article III of Imperial Ordinance No. 13. See page 17.

BUNGAKUHAKUSHI.

Conferred.		
May, 1888.	Kiyonori Konakamura.	Yasutsugu Shigeno.
" "	Hiroyuki Katō.	Chōrei Shimada.
" "	Masakazu Toyama.	
June, 1888.	Mayori Kurokawa.	Kō Kawada.
" "	Seichoku Nakamura.	Fumio Nanjō.
" "	Kenchō Suyematsu.	

RIGAKUHAKUSHI.

May, 1888.	Keisuke Itō.	Nagayoshi Nagai.
" "	Ryōkichi Yatabe.	Kenjirō Yamakawa.
" "	Dairoku Kikuchi.	
June, 1888.	Hisashi Terao.	Bunjirō Kotō.
" "	Naokichi Matsui.	Kakichi Mitsukuri.
" "	Jōji Sakurai.	

STUDENTS ON THE ROLL.

I.—University Hall		23
II.—College of Law		276
Post-graduates	4	
Law (First Division)	100	
" (Second ")	36	
" (Third ")	31	
Politics	57	
Elective Students	48	
III.—College of Medicine		246
Post-graduates	3	
Students undergoing Final Examinations	47	
Medicine	154	
Pharmacy	7	
Elective Students	35	
IV.—College of Engineering		91
Civil Engineering	32	
Mechanical Engineering	8	
Naval Architecture	6	
Technology of Arms	1	
Electrical Engineering	6	
Architecture	6	
Applied Chemistry	8	
Technology of Explosives	1	
Mining and Metallurgy	4	
Elective Students	19	

V.—College of Literature		45
Post-graduates	2	
Philosophy	11	
Japanese Literature	4	
History	5	
Comparative Philology	1	
English Literature	1	
Elective Students	21	
VI.—College of Science		36
Post-graduates	5	
Mathematics	4	
Astronomy	1	
Physics	4	
Chemistry	6	
Zoology	2	
Botany	2	
Zoology and Botany	4	
Geology	2	
Elective Students	6	
Grand Total		717
Counted more than once		13
Actual Number of the Grand Total		704
Students undergoing Final Examinations	47	
Post-graduates and Undergraduates	541	
Actual Number of the Above	528	
Elective Students	129	

NUMBER OF *GAKUSHI* AND GRADUATES.

	Hōgakushi	143
	Igakushi	258
	Kōgakushi	267
	Bungakushi	56
	Rigakushi	166
	Seiyakushi	34
	Jun-igakushi	6
	Graduates of the late Kōbu-Daigakkō	24
Total		954
	Counted more than once	1
	Alive	916
	Dead	37

NUMBER OF *HAKUSHI.*

	Hōgakuhakushi	10
	Igakuhakushi	10
	Kōgakuhakushi	10
	Bungakuhakushi	10
	Rigakuhakushi	10
Total		50

APPENDIX.

PRESIDENT WATANABE'S ADDRESS,

On the Occasion of the Graduation Ceremony, July 10th, 1888.

Your Imperial Highnesses, Excellencies, Lords, and Gentlemen :—To-day is the auspicious occasion on which we are met to celebrate the third graduation ceremony of the Imperial University, when those students of the five Colleges who have finished their courses of study are awarded honourable certificates of graduation in return for diligent work in the University extending over several years. The return of so propitious a day affords me the great pleasure as well as privilege of making a summary, for the benefit at once of those connected with the University and of the guests who are present here to-day, of important events that have occurred in connection with this institution during the current academic year. It gives me likewise the opportunity of making some forecasts regarding the future.

In the College of Law, a German division of law has been created, and thus the Law section is divided into English, French and German divisions. On the voluntary withdrawal of Professor Hozumi from the post of Chief-professor,—a resignation much to be regretted,—Dr. Kazuo Hatoyama was appointed a professor of the College in addition to his position as Director of the Law Bureau in the Foreign Office, and succeeded Professor Hozumi as Chief-professor. Dr. Hatoyama has during the session

given lectures on international law and torts to the students of the English division. Instruction in legal court practice has been given gratis to students by Messrs. R. Masujima and K. Okayama, eminent lawyers of the Tōkyō Bar, and by Messrs. R. Fujita and T. Matsuno, Judges of the Tōkyō Court of Appeal. Mr. T. Okamura, Chief Judge of the Yokohama Court of First Instance, and Mr. J. Komura, Vice-Director of the Translation Bureau of the Foreign Office, have delivered lectures in the College, the former on evidence, the latter on English criminal law. In connection with the Politics section, a new appointment has been made; to wit, that of Prof. J. Shiba, who lately returned home after a period of study in Germany. Prof. Shiba will give lectures during the coming session on administrative law and international law. This year we have 11 graduates in the English division and 35 in the French division of the Law section and 13 in the Politics section, making a grand total of 59. Almost all of these graduates in the Law section being either cadets transferred to the University from the Judicial Department some years ago, or holders of loan-scholarships offered by the same department, will receive appointments in the Imperial legal courts. Of the 11 graduates of the College last year, 1 entered the University Hall with the object of pursuing original investigations, 2 were appointed judges, 3 entered the diplomatic and consular services, 4 are engaged in the Home Office and 1 became an officer in the Law Bureau of the Cabinet. Some alterations have been made in the curricula of the College. The most important item in these alterations has been to leave out "Encyclopedia of laws" in the University course and to transfer the same subject to the

course of study in the High Middle Schools. One reason for this is that students in the College are fully occupied with the study of the subjects prescribed in the course of Law and Politics, and have no time to spare for subjects of a more general character. Moreover, unless a general idea of law has been fully mastered in their preliminary studies, students are unable to understand lectures on special legal subjects. Last year the University was entrusted by the Minister of State for Education with the important duty of supervising the five leading private law schools in the city, in compliance with regulations issued for the purpose, but it was released during the present year from this duty by the issue of Education Department Ordinance No. 3, dated May 5th. This Ordinance established regulations by which private schools of law and politics might enjoy certain privileges in preparing graduates for the civil service examinations. Later on the regulations issued last year were rescinded. The Law College shows every appearance of prosperity, and looks forward to have no less than 84 students entering it from the First High Middle School in the coming academic year.

The curricula of studies in the College of Medicine are now nearly complete. The changes include a new course of pharmacy which was opened to students from the beginning of this academic year. Drs. J. Shimoyama and K. Tamba, who have returned after a period of study in Germany, were appointed professors of pharmacy. Drs. T. Aoyama and S. Satō were made professors of medicine and surgery respectively, having lately returned from Germany after a period of study there. Dr. J. Scriba, professor of surgery, is temporarily absent from the

College on a visit to Europe extending over one year, and will resume his college and hospital duties in the academic year 1889-90. His place has been taken by Dr. Satō, who gives lectures on special surgery and clinical instruction. Dr. K. Murata, an assistant-professor of surgery, was ordered to Germany to prosecute a three year's course of study in skin diseases and syphilis. The services of Miss Agnes Vetch, a scientifically trained English nurse who has had considerable experience in hospital work in her own country, were secured for lectures on nursing and for the giving of practical instruction in nursing in the hospital of the College. A number of pupils in nursing were afterwards admitted into the hospital with the object of providing a supply of well-trained nurses. As the number of those who pursue the new course of pharmacy is but small and as an evident necessity exists of encouraging students in this department, the Medical College has established a loan-scholarship, and the *Seiyakushi* or graduates of pharmacy (this course having previously existed in the Tōkyō Daigaku), contributed a fund to found another scholarship to be offered to students. Although the College possessed no facilities for giving practical instruction in forensic medicine, and some arrangements have long been necessary for this end, the Judicial Department communicated to the University its desire to entrust to the College all questions connected with this branch of medical science which may arise in the Tōkyō Court of First Instance. As the request of the Judicial Department has been complied with by the University, I trust that manifold advantages will be offered for the study of forensic medicine. The graduates of the Medical College this year are 29 in

number. All those who graduated last year obtained suitable positions, some having entered the University Hall, and others having been made assistants in the Medical College, Army medical officers, teachers of medical schools, directors of local hospitals and the like. Many of the graduates this year who passed their final examinations before the session ended are already engaged in professional duties. There are, moreover, 74 graduates who have taken the special shorter course of medicine established in connection with the College. Here I should not omit to say a few words in reference to the imperial visit of Her Majesty the Empress to the University on the 29th May, 1888. Her Majesty being particularly interested in the hospital of the College, visited all the wards and operation rooms, and made inquiries of the professors in charge as to the diseases of almost every patient. On this occasion Her Majesty with her own hands presented all the sick children in the wards with pretty toys, and granted the sum of three hundred yen to the hospital. The maternal benevolence shown by Her Majesty to her subjects suffering from diseases of various sorts, will ever be remembered with deep gratitude. It has been thought best to devote the generous grant of Her Majesty to the providing of extra free patient accommodation in the hospital. Three beds will therefore be added for the use of free patients during a period of 300 days. In this manner, the sick poor will be relieved and at the same time great advantages will be offered to the course of clinical medicine and surgery. In the coming academic year a few alterations will be made in the curricula. Two new chairs will be added, one of gynecology and obstetrics and the other of forensic medicine. Also a new

course of clinical lectures on the diseases of children will be delivered. The second hospital at Shitaya was originally established for the use of students of the shorter course of medicine, but as this course will cease to exist with the graduation of all the students in the month of December of this year, no more students will henceforth be admitted. The closing of the hospital would naturally follow, but it will continue to be used for the delivery of clinical lectures to the students of the regular course. The number of the patients' beds in the hospital is fixed at 110, but only 50 have as yet been provided, owing to financial difficulties. The necessity of increasing this accommodation will lead, I expect, in the next financial year, to the addition of 20 more beds so as to make a total of 70. The results of original investigations conducted in the various institutes of the Medical College have been published in the Journal of the College, which has been widely distributed at home and abroad.

Next let me refer to the Engineering College. The construction of new engineering works and appliances such as railways, steam-engines, ship-building yards, electrical machines and telegraph lines, mining and manufacturing industries, water-works and public and domestic buildings is undertaken year after year in different parts of the country. The graduates of the College are too few in number to meet the increasing demends for qualified professional men, and it is hoped that the supply of students will every year grow larger. The curricula of instruction in the College were altered and enlarged and now include courses of sanitary engineering, and of technology of arms and explosives, added during the last academic year. No change has occurred during

this year in connection with the courses. The new buildings in the University compound intended for the College have just been completed, and its removal from Toranomon to the new site has already been commenced. With the coming academic year all the College works will be carried out in the new edifices. Mr. S. Sakurai, professor of naval architecture, was ordered to go abroad on special business for the Imperial Navy, and Mr. K. Wakayama, Imperial Naval Engineer, succeeded him. Prof. T. Yamada was transferred to the Tōkyō Technological School and Mr. J. Miyabara, Imperial Naval Engineer, and Captain T. Amano of the Army, were appointed professors in the College. Mr. H. Nakano, an assistant-professor, was ordered to America and England for the study of electrical engineering, and a few other changes have taken place among the lecturers and assistant-professors. There are 13 graduates in civil engineering, 2 each in mechanical engineering, naval architecture and electrical engineering, 1 in architecture, 11 in applied chemistry and 4 in mining and metallurgy, making 35 in all. The graduates of last year were 19, of whom 4 are engaged in the Government offices, 3 in scholastic institutions, 7 in private companies, and 1 in private business as a consulting engineer, while 4 have gone abroad for the prosecution of their studies.

In the Literature College, the courses of history, English literature and German literature were opened to students at the beginning of the current academic year and some alterations were made in the other courses. For the coming year no change is expected, except the addition of a new subject, Japanese history, to the course of history. Mr. Y. Shigeno, Director of the History Bureau of the

Cabinet was requested to give lectures on Japanese history, and Mr. M. Hidaka, a lecturer in the College was ordered to Germany to prosecute the study of pedagogics for three years. I regret to state that only 2 students graduate from the College this year, one in philosophy and the other in Japanese literature. It is much to be regretted that the list of graduates continues so meagre every year, notwithstanding the paramount importance of the nature of the studies in this College, which control the fundamental principles of all sciences. Besides the two regular graduates, however, there are 17 graduates in Japanese classics and 16 in Chinese classics, a course which does not properly belong to the College and will henceforth cease to exist. Among the graduates of last year, 2 entered the University Hall and one was made director of an ordinary middle school.

In the College of Science many important scientific investigations have been carried out with success during the current academic year. With the view of making a rough general observation of the three elements of magnetic force in Japan, *viz.* horizontal intensity, dip and declination, Prof. Cargill G. Knott, accompanied by Mr. H. Nagaoka, a student of the College, was sent to travel in the northern districts of the Empire, and Mr. A. Tanakadate, an assistant-professor, in the southern districts, in the latter part of June, 1887. The survey was finished for the northern districts early in the month of September and for the southern in the middle of October. A report of these investigations was published in the Journal of the Science College, Vol. II, part 2. During Dr. Knott's leave of absence in England, he will make, at my request, a measurement of the magnetic force in that country for the

purpose of comparing it with that of Japan. Prof. H. Terao was ordered to make observations of the total eclipse of the sun on the 19th August, 1887, at Kuroiso, Tochigi ken, on the route of the Eastern Railway, where an observatory was established for that purpose. For the purpose of anthropological investigations, Mr. S. Tsuboi, a student of the University Hall, was sent to Yoshimi, Saitama ken, near the Kōnosu railway station, to inquire into the old excavations popularly called "*Hyaku-ana*" or one hundred excavations. He found out 230 of these, and obtained several human relics such as old pieces of earthenware called "*iwaibe*," gold rings, swords and the like. The same gentleman was also sent out in January on an excursion to districts in the Tōkaidō, Sanindō and Sanyōdō, and examined many old tombs and brought back several valuable archæological specimens. The results of these and many other investigations, as reported by professors and other gentlemen connected with the College, were published in the Journal of the College. These scientific papers met with a very flattering reception from scientific societies and individuals abroad, and many orders for the Journals have been received from booksellers both in Europe and America. In June 1888, it was decided by the concurrent wishes of the Departments of Home Affairs, the Navy and Education, that with the object of intrusting the complete control of all matters connected with astronomical observations to one department of the Government, all such business as has hitherto fallen to the two former departments, together with land, buildings, instruments or other properties should be transferred to the Education Department. The Education Department accordingly established the Imperial Tōkyō Observatory

on the site of the late Observatory of the Imperial Navy, at Iigura, Azabu, and placed it under the control of the Imperial University; and consequently the institute of astronomy of the Science College was removed to the new observatory, and Prof. Terao was appointed its director. The alterations in the curricula of instruction in this College consist only in the introduction of the modern theories of functions to the 3rd year course and of select chapters of higher mathematics to the 2nd and 3rd year courses of mathematics. As to changes in the professorial staff I have only to mention that Mr. A. Tanakadate has been ordered to England to prosecute his studies in electricity and magnetism, and that the services of Prof. C. G. Knott have been secured for three years longer on the expiration of the present term of his engagement. The graduates number, 1 in mathematics, 2 in astronomy, 1 in physics, 1 in zoology and 2 in geology, making a total of 7. Of the graduates of last year 3 entered the University Hall and 1 was made a member of the Geological Bureau in the Agricultural and Commercial Department. 2 of those who attended the University Hall left it this year for professional practice. While many positions for scientific men are left vacant in the Government offices and educational institutions, the annual number of graduates continues to be very limited, and very few are expected to be matriculated as students of the College in the forthcoming year. It is not only very essential to the promotion of pure science, but also highly necessary for the actual needs of society, that every branch of learning taught in the College should be encouraged by all possible means. The new building for the chemical laboratory, the construction of which was commenced by the

late Tōkyō Digaku, has been nearly completed. While the edifice was first intended solely for the purpose stated above, many changes in the arrangements of the institutes have occurred since the founding of the present University. It has therefore been decided to remove the institutes of mathematics and physics to the ground floor. There exists in the other institutes no proper laboratory nor museum for zoology, botany and geology, and we undergo much inconvenience in giving practical instruction to students and in keeping valuable specimens in good condition. I may say that all the institutes of the Science College will be nearly complete when proper buildings shall have been erected for these three institutes.

Such is a summary of the important events which have occurred in the five Colleges during the present academic year and of the improvements and alterations promised for the future.

Now I turn to matters connected with the University Hall and the University in general. Professors Hozumi and Shida resigned the position of councillors of the University and Professors Hatoyama and Tatsuno took their places. The course of original investigations in the University Hall has been made to extend over five years instead of two as fixed before. The first two years must be spent by students in the post-graduate course of a College and the last three years will be spent by them in practical work or in such manner as they may think most useful; and at the close of five years they will undergo examinations for degrees. The number of students in the University Hall at the end of this academic year is 16, 5 of whom are graduates of the College of Law, 3 of Medicine, 4 of Engineering, 1 of Literature and 3 of Science.

A few alterations in the general regulations of the Colleges were made in connection with the graduation examination of the Medical College. For the protection of the health of students and the control of their conduct, the following measures were taken:—"A Health Committee was appointed, consisting of professors of the Colleges of Medicine and Engineering, with the Director of the Medical College as its ex-officio president, whose object should be to make inquiries into the sanitary condition of the soil, buildings and drinking water and into other matters connected with the health of the students, and to suggest desirable improvements as to the same. Regulations were put in force by which students who incurred debt unnecessarily should be dealt with in the same manner as if they had committed a misdemeanour."

The dormitories being insufficient to accommodate all the students, only a limited number, consisting mostly of those attending higher classes, were permitted to occupy the rooms. On the removal of the Engineering College, the students who were living in its dormitory could not have been accommodated in the dormitories at Hongō. Accordingly a large new building is now in course of construction, to admit these and some other students. This new dormitory is expected to be ready in a few months.

The Imperial Ordinance No. 19 was promulgated in April, 1888, to establish regulations for the income of the University and Schools under the control of the Education Department. It was therein provided that the whole income of these institutions should be set apart and allowed to accumulate year after year so as to make a large fund at some future day, and that the income from

tuition fees might be used to cover a part of the current expenditure in cases of urgent necessity.

The total number of students of the University at present, including elective and special students, amounts to 788, the 132 graduates of this year being counted among the total. For the present year 216 scholarships, most of them on the loan system, are open to students, but only 153 were offered, to wit, 12 in the University Hall, 54 in the Law College, 15 in the Medical College, 47 in the Engineering College, 12 in the Literature College and 13 in the Science College. The number of scholarships provided exceeds that actually offered by 63. It is hoped that more students will present themselves every year as more support becomes available.

Of large University buildings completed in this year, there are the new Engineering College, which is two stories in height with underground rooms, covering a ground area of 1009 *tsubo*, the whole built at a cost of 200,000 *yen*; and the Chemical Laboratory, with the same accommodations, covering a ground area of 550 *tsubo*, and built at a cost of 140,000 *yen*. In addition, sewerage works were carried out at the hospital after a modern scheme at the cost of 5,100 *yen*. Also gas pipes are now being laid out in the University compounds for heating purposes in laboratories, and waterworks have just been started to supply water from the mains of the Senkawa Water Company to the upper floors of laboratories and to the First Hospital. The library being now located in the rooms of the buildings intended for the Colleges of Law and Literature, there may be a danger to the building as the books contained in it are too heavy for the floor. I hope that a suitable new building for the accommodation of the library will be

erected in the forthcoming year. In the library, dormitories and hospitals where lighting is required during the night, there is constant danger of fire from the ignition of the kerosene oil used for lighting purposes. These buildings are consequently about to be lighted by electricity.

If we take a general survey of the present condition of the University, there is considerable ground for satisfaction. By degrees the necessary provisions for advancing science and the arts are being taken, and the results of the University's teaching are shown in the scientific works and appliances springing up everywhere over the Empire. Year after year there is an increasing supply of young men fully equipped, by their knowledge of science and the arts, for the service of the state. We have every reason to congratulate ourselves on the growth of our institution and the improvement in its external appearance.

In conclusion, I would pray that His Most Gracious Majesty may have a long life and a happy reign, that success may attend the University, that its graduates may enjoy health and prosperity, and that the reputation and glory of our institution may be maintained and evermore increase.

THE END